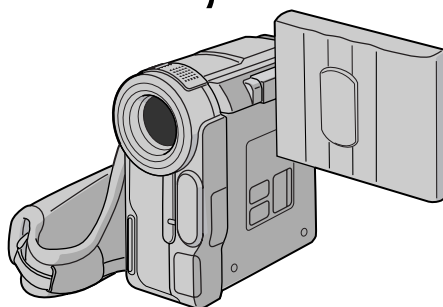


JVC

SERVICE MANUAL

DIGITAL VIDEO CAMERA

GR-DX25E_x, GR-DX25E_y, GR-DX25E_z, GR-DX25EK, GR-DX35E_x, GR-DX35E_y, GR-DX35E_z, GR-DX35EK



Mini **DV** PAL

Regarding service information other than these sections, refer to the service manual No. 86740 (GR-DX75EX). Also, be sure to note important safety precautions provided in the service manual.

SPECIFICATIONS *(The specifications shown pertain specifically to the model GR-DX25EK, GR-DX35EK, GR-DX45EK and GR-DX55EK.)*

Camcorder	Digital Video Camera	Connectors
General	Format : DV format (SD mode)	S/AV
Power supply : DC 11.0 V (Using AC Adapter) DC 7.2 V (Using battery pack)	Signal format : PAL standard	S-Video output : Y : 1 V (p-p), 75 Ω, analogue C : 0.29 V (p-p), 75 Ω, analogue
Power consumption	Recording/ Playback format : Video: Digital component recording : Audio: PCM digital recording, 32 kHz 4-channel (12-bit), 48 kHz 2-channel (16-bit)	S-Video input* : Y : 0.8 V (p-p) – 1.2 V (p-p), 75 Ω, analogue C : 0.2 V (p-p) – 0.4 V (p-p), 75 Ω, analogue
LCD monitor off, viewfinder on : Approx. 3.4 W	Cassette : Mini DV cassette	Video output : 1 V (p-p), 75 Ω, analogue
LCD monitor on, viewfinder off : Approx. 4.6 W	Tape speed : SP : 18.8 mm/s LP : 12.5 mm/s	Video input* : 0.8 V (p-p) – 1.2 V (p-p), 75 Ω, analogue
Dimensions (W x H x D) : 55 mm x 102 mm x 96 mm (with the LCD monitor closed and the viewfinder pushed back in)	Maximum recording time (using 80 min. cassette) : SP : 80 min. LP : 120 min.	Audio output : 300 mV (rms), 1 kΩ, analogue, stereo
Weight : Approx. 440 g (without grip belt)		Audio input* : 300 mV (rms), 50 kΩ, analogue, stereo
Operating temperature : 0°C to 40°C		Edit : ø3.5 mm, 2-pole
Operating humidity : 35% to 80%		DV
Storage temperature : –20°C to 50°C		Output : 4-pin, IEEE 1394 compliant
Pickup : 1/6" CCD		Input* : 4-pin, IEEE 1394 compliant
Lens : F1.6, f = 2.7 mm to 43.2 mm, 16:1 power zoom lens		USB : 5-pin
Filter diameter : ø30.5 mm		* GR-DX55/DX35 only.
LCD monitor : 3" diagonally measured, LCD panel/TFT active matrix system (GR-DX55/DX45) 2.5" diagonally measured, LCD panel/TFT active matrix system (GR-DX35/DX25)		
Viewfinder : Electronic viewfinder with 0.24" black/white LCD		
Speaker : Monaural		

Specifications shown are for SP mode unless otherwise indicated. E & O.E. Design and specifications subject to change without notice.

AC Adapter
Power requirement : AC 110 V to 240 V~, 50 Hz/60 Hz
Output : DC 11 V , 1 A

GR-DX25EK M3D324
GR-DX25EX M3D324
GR-DX25EY M3D324
GR-DX25EZ M3D324
GR-DX35EK M3D325
GR-DX35EX M3D325
GR-DX35EY M3D325
GR-DX35EZ M3D325

CONTENTS

DIFFERENT LIST	1 only
5. PARTS LIST	5-1

DIFFERENT LIST

DIFFERENT TABLE OF FEATURE

The following table indicate main different points between models GR-DX75EX, GR-DX25EK, GR-DX25EX, GR-DX25EY, GR-DX25EZ, GR-DX35EK, GR-DX35EX, GR-DX35EY and GR-DX35EZ.

ITEM \ MODEL	GR-DX75EX	GR-DX25EK	GR-DX25EX	GR-DX25EY	GR-DX25EZ	GR-DX35EK	GR-DX35EX	GR-DX35EY	GR-DX35EZ
VIDEO FLASH	USED	NOT USED	←	←	←	←	←	←	←
DSC FLASH MEMORY(MEMORY CARD)	USED(MMC-8MB)	NOT USED	←	←	←	←	←	←	←
DV TERMINAL	USED(IN/OUT)	USED(OUT)	←	←	←	USED(IN/OUT)	←	←	←
ANALOG INPUT	USED	NOT USED	←	←	←	USED	←	←	←
E-MAIL VIDEO CLIP REC	USED	NOT USED	←	←	←	←	←	←	←
DIGITAL STILL CAMERA	USED	NOT USED	←	←	←	←	←	←	←
AC CORD	CEE PLUG	BS PLUG	CEE PLUG	←	←	BS PLUG	CEE PLUG	←	←
MEMORY CARD	PROVIDED(MMC 8MB)	NOT USED	←	←	←	←	←	←	←

Notes: Mark ← is same as left.



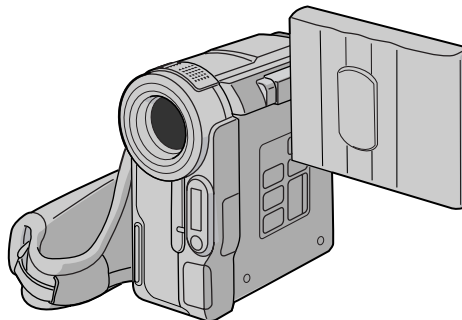
VICTOR COMPANY OF JAPAN, LIMITED
AV & MULTIMEDIA COMPANY. 12,3-chome,Moriya-cho,Kanagawa-ku,Yokohama,Kanagawa-prefecture,221-8528,Japan

JVC

SERVICE MANUAL

DIGITAL VIDEO CAMERA

GR-DX75E_x, GR-DX75E_y, GR-DX75E_z, GR-DX75EK, GR-DX95E_x, GR-DX95E_y, GR-DX95E_z, GR-DX95EK



For disassembling and assembling of MECHANISM ASSEMBLY, refer to the SERVICE MANUAL No.86700(MECHANISM ASSEMBLY).

SPECIFICATIONS *(The specifications shown pertain specifically to the model GR-DX75EX, GR-DX95EX, GR-DX100EX and GR-DX300EX.)*

General	Digital Video Camera	Connectors
Power supply : DC 11.0 V (Using AC Adapter) DC 7.2 V (Using battery pack)	Format : DV format (SD mode) Signal format : PAL standard Recording/ Playback format : Video: Digital component recording : Audio: PCM digital recording, 32 kHz 4-channel (12-bit), 48 kHz 2-channel (16-bit)	S/AV S-Video output : Y : 1 V (p-p), 75 Ω, analogue : C : 0.29 V (p-p), 75 Ω, analogue S-Video input : Y : 0.8 V (p-p) – 1.2 V (p-p), 75 Ω, analogue : C : 0.2 V (p-p) – 0.4 V (p-p), 75 Ω, analogue
Power consumption LCD monitor off, viewfinder on : Approx. 3.4 W LCD monitor on, viewfinder off : Approx. 4.6 W	Cassette : Mini DV cassette Tape speed : SP : 18.8 mm/s : LP : 12.5 mm/s	Video output : 1 V (p-p), 75 Ω, analogue Video input : 0.8 V (p-p) – 1.2 V (p-p), 75 Ω, analogue Audio output : 300 mV (rms), 1 kΩ, analogue, stereo Audio input : 300 mV (rms), 50 kΩ, analogue, stereo
Dimensions (W x H x D) : 55 mm x 102 mm x 96 mm (with the LCD monitor closed and the viewfinder pushed back in)	Maximum recording time (using 80 min. cassette) : SP : 80 min. : LP : 120 min.	Edit DV :
Weight : Approx. 440 g (GR-DX300/DX100) (without grip belt) : Approx. 450 g (GR-DX95/DX75) (without grip belt)	Digital Still Camera Function	Output Input : 4-pin, IEEE 1394 compliant USB : 4-pin, IEEE 1394 compliant : 5-pin
Operating temperature : 0°C to 40°C Operating humidity : 35% to 80%	Storage media : SD Memory Card/MultiMediaCard Compression system : Still image : JPEG (compatible) : Moving image : MPEG4 (compatible)	AC Adapter
Storage temperature : -20°C to 50°C Pickup : 1/4" CCD (GR-DX300/DX100) : 1/6" CCD (GR-DX95/DX75)	File size : 4 modes (1600 x 1200 pixels*, 1280 x 960 pixels*, 1024 x 768 pixels, 640 x 480 pixels)	Power requirement : AC 110 V to 240 V~, 50 Hz/60 Hz Output : DC 11 V , 1 A
Lens : F 1.8, f = 3.8 mm to 38 mm, 10:1 power zoom lens (GR-DX300/DX100) : F1.6, f = 2.7 mm to 43.2 mm, 16:1 power zoom lens (GR-DX95/DX75)	Picture quality : 2 modes (FINE/STANDARD)	
Filter diameter : ø30.5 mm LCD monitor : 3" diagonally measured, LCD panel/TFT active matrix system (GR-DX300/DX95) : 2.5" diagonally measured, LCD panel/TFT active matrix system (GR-DX100/DX75)	Approximate number of storable images : pg. 18.	
Viewfinder : Electronic viewfinder with 0.24" black/white LCD Speaker : Monaural	* GR-DX300/DX100 only.	

Specifications shown are for SP mode unless otherwise indicated. E & O.E. Design and specifications subject to change without notice.

GR-DX75EK M3D327
GR-DX75EX M3D327
GR-DX75EY M3D327
GR-DX75EZ M3D327
GR-DX95EK M3D337
GR-DX95EX M3D337
GR-DX95EY M3D337
GR-DX95EZ M3D337

CONTENTS

Important Safety Precautions

1. DISASSEMBLY	1-1
3. ADJUSTMENT	3-1
4. CHARTS AND DIAGRAMS	4-1
5. PARTS LIST	5-1

DIFFERENT LIST

DIFFERENT TABLE OF FEATURE

The following table indicate main different points between models GR-DX75EK, GR-DX75EX, GR-DX75EY, GR-DX75EZ, GR-DX95EK, GR-DX95EX, GR-DX95EY and GR-DX95EZ.

ITEM \ MODEL	GR-DX75EK	GR-DX75EX	GR-DX75EY	GR-DX75EZ	GR-DX95EK	GR-DX95EX	GR-DX95EY	GR-DX95EZ
LCD MONITOR	2.5 INCH	←	←	←	3.0 INCH	←	←	←
AC CORD	BS PLUG	CEE PLUG	←	←	BS PLUG	CEE PLUG	←	←

Notes: Mark ← is same as left.

Important Safety Precautions

Prior to shipment from the factory, JVC products are strictly inspected to conform with the recognized product safety and electrical codes of the countries in which they are to be sold. However, in order to maintain such compliance, it is equally important to implement the following precautions when a set is being serviced.

●Precautions during Servicing

1. Locations requiring special caution are denoted by labels and inscriptions on the cabinet, chassis and certain parts of the product. When performing service, be sure to read and comply with these and other cautionary notices appearing in the operation and service manuals.

2. Parts identified by the $\triangle$ symbol and shaded (■) parts are critical for safety.
Replace only with specified part numbers.

Note: Parts in this category also include those specified to comply with X-ray emission standards for products using cathode ray tubes and those specified for compliance with various regulations regarding spurious radiation emission.

3. Fuse replacement caution notice.
Caution for continued protection against fire hazard.
Replace only with same type and rated fuse(s) as specified.

4. Use specified internal wiring. Note especially:
1) Wires covered with PVC tubing
2) Double insulated wires
3) High voltage leads

5. Use specified insulating materials for hazardous live parts.
Note especially:
1) Insulation Tape 3) Spacers 5) Barrier
2) PVC tubing 4) Insulation sheets for transistors

6. When replacing AC primary side components (transformers, power cords, noise blocking capacitors, etc.) wrap ends of wires securely about the terminals before soldering.

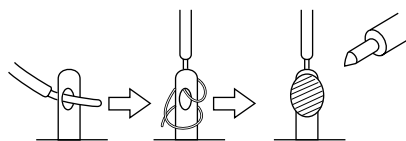


Fig.1

7. Observe that wires do not contact heat producing parts (heatsinks, oxide metal film resistors, fusible resistors, etc.)

8. Check that replaced wires do not contact sharp edged or pointed parts.

9. When a power cord has been replaced, check that 10-15 kg of force in any direction will not loosen it.

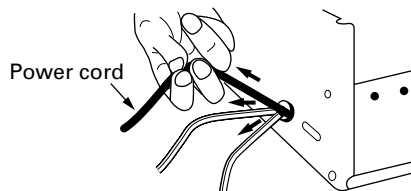


Fig.2

10. Also check areas surrounding repaired locations.

11. Products using cathode ray tubes (CRTs)
In regard to such products, the cathode ray tubes themselves, the high voltage circuits, and related circuits are specified for compliance with recognized codes pertaining to X-ray emission. Consequently, when servicing these products, replace the cathode ray tubes and other parts with only the specified parts. Under no circumstances attempt to modify these circuits. Unauthorized modification can increase the high voltage value and cause X-ray emission from the cathode ray tube.

12. Crimp type wire connector

In such cases as when replacing the power transformer in sets where the connections between the power cord and power transformer primary lead wires are performed using crimp type connectors, if replacing the connectors is unavoidable, in order to prevent safety hazards, perform carefully and precisely according to the following steps.

1) **Connector part number** : E03830-001

2) **Required tool** : Connector crimping tool of the proper type which will not damage insulated parts.

3) **Replacement procedure**

(1) Remove the old connector by cutting the wires at a point close to the connector.

Important : Do not reuse a connector (discard it).

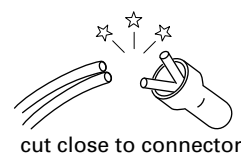


Fig.3

(2) Strip about 15 mm of the insulation from the ends of the wires. If the wires are stranded, twist the strands to avoid frayed conductors.

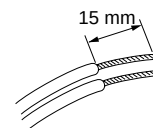


Fig.4

(3) Align the lengths of the wires to be connected. Insert the wires fully into the connector.

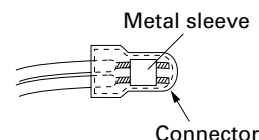


Fig.5

(4) As shown in Fig.6, use the crimping tool to crimp the metal sleeve at the center position. Be sure to crimp fully to the complete closure of the tool.

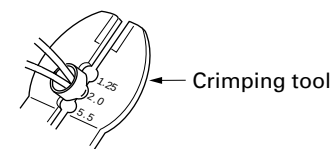


Fig.6

(5) Check the four points noted in Fig.7.

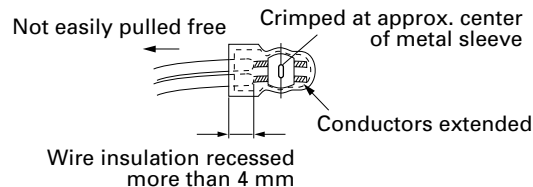


Fig.7

● Safety Check after Servicing

Examine the area surrounding the repaired location for damage or deterioration. Observe that screws, parts and wires have been returned to original positions. Afterwards, perform the following tests and confirm the specified values in order to verify compliance with safety standards.

1. Insulation resistance test

Confirm the specified insulation resistance or greater between power cord plug prongs and externally exposed parts of the set (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.). See table 1 below.

2. Dielectric strength test

Confirm specified dielectric strength or greater between power cord plug prongs and exposed accessible parts of the set (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.). See table 1 below.

3. Clearance distance

When replacing primary circuit components, confirm specified clearance distance (d), (d') between soldered terminals, and between terminals and surrounding metallic parts. See table 1 below.

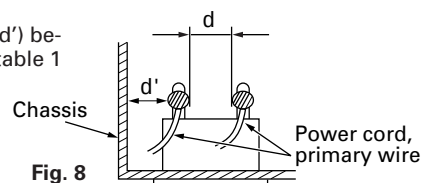


Fig. 8

4. Leakage current test

Confirm specified or lower leakage current between earth ground/power cord plug prongs and externally exposed accessible parts (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.).

Measuring Method : (Power ON)

Insert load Z between earth ground/power cord plug prongs and externally exposed accessible parts. Use an AC voltmeter to measure across both terminals of load Z. See figure 9 and following table 2.

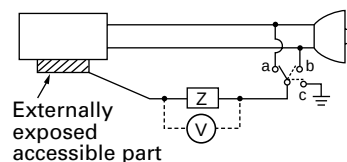


Fig. 9

5. Grounding (Class I model only)

Confirm specified or lower grounding impedance between earth pin in AC inlet and externally exposed accessible parts (Video in, Video out, Audio in, Audio out or Fixing screw etc.).

Measuring Method:

Connect milli ohm meter between earth pin in AC inlet and exposed accessible parts. See figure 10 and grounding specifications.

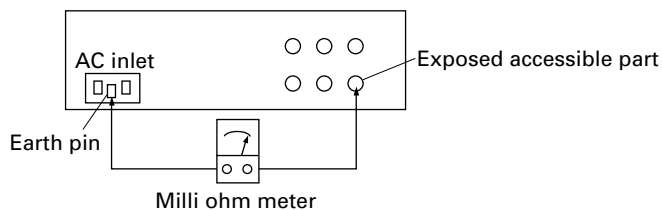


Fig. 10

Grounding Specifications

Region	Grounding Impedance (Z)
USA & Canada	$Z \leq 0.1 \text{ ohm}$
Europe & Australia	$Z \leq 0.5 \text{ ohm}$

AC Line Voltage	Region	Insulation Resistance (R)	Dielectric Strength	Clearance Distance (d), (d')
100 V	Japan	$R \geq 1 \text{ M}\Omega/500 \text{ V DC}$	AC 1 kV 1 minute	$d, d' \geq 3 \text{ mm}$
100 to 240 V			AC 1.5 kV 1 minute	$d, d' \geq 4 \text{ mm}$
110 to 130 V	USA & Canada	$1 \text{ M}\Omega \leq R \leq 12 \text{ M}\Omega/500 \text{ V DC}$	AC 1 kV 1 minute	$d, d' \geq 3.2 \text{ mm}$
110 to 130 V 200 to 240 V	Europe & Australia	$R \geq 10 \text{ M}\Omega/500 \text{ V DC}$	AC 3 kV 1 minute (Class II) AC 1.5 kV 1 minute (Class I)	$d \geq 4 \text{ mm}$ $d' \geq 8 \text{ mm (Power cord)}$ $d' \geq 6 \text{ mm (Primary wire)}$

Table 1 Specifications for each region

AC Line Voltage	Region	Load Z	Leakage Current (i)	a, b, c
100 V	Japan		$i \leq 1 \text{ mA rms}$	Exposed accessible parts
110 to 130 V	USA & Canada		$i \leq 0.5 \text{ mA rms}$	Exposed accessible parts
110 to 130 V 220 to 240 V	Europe & Australia		$i \leq 0.7 \text{ mA peak}$ $i \leq 2 \text{ mA dc}$	Antenna earth terminals
			$i \leq 0.7 \text{ mA peak}$ $i \leq 2 \text{ mA dc}$	Other terminals

Table 2 Leakage current specifications for each region

Note: These tables are unofficial and for reference only. Be sure to confirm the precise values for your particular country and locality.

SECTION 1

DISASSEMBLY

1.1 Before disassembling

1.1.1 Precaution

- Be sure to disconnect the power supply unit prior to mounting and soldering of parts.
- Prior to removing a component part that needs to disconnect its connector(s) and its screw(s), first disconnect the wire(s) from the connector(s), and then remove the screw(s).
- Be careful not to damage the connector and wire etc. during connection and disconnection.
- When connecting the flat wire to the connector, be careful with the flat wire direction.
- Be careful in removing or handling the part to which some spacer or shield is attached for reinforcement or insulation.
- When replacing chip parts (especially IC parts), first remove the solder completely to prevent peeling of the pattern.
- Tighten screws properly during the procedures. Unless specified otherwise, tighten screws at a torque of 0.078Nom (0.8kgfocm).
- The bracketed () WR of the connector symbol are assigned nos. in priority order and do not correspond to those on the spare parts list.

1.1.2 Disconnection of connectors (wires)

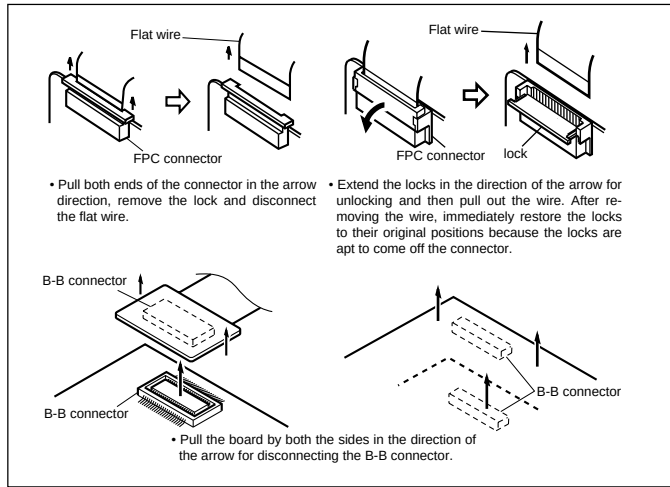


Fig. 1-1-2a CONNECTOR

1.1.3 Required disassembling tools

Torque driver YTU94088	Bit YTU94088-003	Tweezers P-895
Chip IC replacement jig PTS40844-2	Cleaning cloth KSMM-01	

Fig. 1-1-3a

- Torque driver
Be sure to use to fastening the mechanism and exterior parts because those parts must strictly be controlled for tightening torque.
- Bit
This bit is slightly longer than those set in conventional torque drivers.
- Tweezers
To be used for removing and installing parts and wires.
- Chip IC replacement jig
To be used for replacement of IC.
- Cleaning cloth
Recommended the Cleaning cloth to wipe down the video heads, mechanism (tape transport system), optical lens surface.

1.2 Removing the major parts

1.2.1 How to read the procedure table

This table shows the steps for disassembly of the major parts. Reverse these steps when re-assembling them.

<Example>

Step No.	Part Name	Fig. No.	Point	Note
[1]	Top cover, Bracket	1-3a	4(S1a),(S1b),3(L1a), 2(SD1a),(P1a),(W1a), CN1(WR1a), 2(S1c)	<Note 1a>
(*1)	(*2)	(*3)	(*4)	(*5)

(*1) Order of steps in Procedure

When reassembling, perform the step(s) in the reverse order.

(*2) Part name to be removed or installed.

(*3) Fig. No. showing procedure or part location.

(*4) Identification of part to be removed, unhooked, unlocked, released, unplugged, unclamped or unsoldered.

P= Spring, W= Washer, S= Screw, L= Locking tab, SD= Solder, CN**(WR**)= Remove the wire (WR**) from the connector (CN**).

(*5) Adjustment information for installation

1.2.2 Disassembly procedure

[FINAL ASS'Y]

Step No.	Part Name	Fig. No.	Point	Note
[1]	FRONT ASS'Y(G)	1-2-2a	(S132), 2(S131), (S133), (S130), TOP COVER, MIC COVER, (S125), (S126), 2(S129), MAIN CN115(WR101a), HOLDER(DV/USB)	
[2]	UPPER ASS'Y(G)	1-2-2a	2(S124), COVER(DV), (S128), (S127), BRACKET(TOP), (S120), (S122), (S121), 3(S123), MAIN CN112(WR102a), MAIN CN113(WR102b)	
[3]	LOWER ASS'Y(F)	1-2-2a	MAIN CN114(WR103a), MIC ASS'Y, MAIN CN111(WR103b), MAIN CN102(WR103c), MAIN CN101(WR103d), MAIN CN109(WR103e), (S119), 3(S118)	
[4]	MAIN BOARD ASS'Y	1-2-2a	2(S117), SHIELD PLATE, MAIN CN106(WR104a), MAIN CN110(WR104b), MAIN CN107(WR104c), MAIN CN103(WR104d), (L104a), MAIN CN108(WR104e), MAIN CN104(WR104f)	
[5]	MECHANISM ASS'Y	1-2-2a	(S116), BKT(PRE-REC), 3(S115), MECHA BKT ASS'Y	

[WIRE CONNECTION]

WR No.	CONNECTION			
WR101a	FRONT ASS'Y(G) STROBE	CN6501	MAIN	CN115
WR102a	UPPER ASS'Y(G) SUB OPE UNIT	—	MAIN	CN112
WR102b	UPPER ASS'Y(G) MONITOR	CN7601	MAIN	CN113
WR103a	— MIC ASS'Y	—	MAIN	CN114
WR103b	LOWER ASS'Y(F) C. OPE UNIT	—	MAIN	CN111
WR103c	LOWER ASS'Y(F) CCD	—	MAIN	CN102
WR103d	LOWER ASS'Y(F) BATT. TERM.	—	MAIN	CN101
WR103e	LOWER ASS'Y(F) SD	CN301	MAIN	CN109
WR104a	MECHA ASS'Y SENSOR	—	MAIN	CN106
WR104b	MECHA ASS'Y HEAD	—	MAIN	CN110
WR104c	MECHA ASS'Y R. ENCODER	—	MAIN	CN107
WR104d	MECHA ASS'Y LOAD. MOTOR	—	MAIN	CN103
WR104e	MECHA ASS'Y CAP. MOTOR	—	MAIN	CN108
WR104f	MECHA ASS'Y DRUM MOTOR	—	MAIN	CN104

[LOWER ASS'Y(F), LOWER ASS'Y(G)]

Step No.	Part Name	Fig. No.	Point	Note
[1]	OP F. ASS'Y (OP ASS'Y)	1-2-2b	(S560), SD CN302(WR551a), (S558), BKT(OP) ----- (SD551a), CCD BOARD ASS'Y	
[2]	VF ASS'Y(G)	1-2-2b	2(S559), SD CN304(WR552a)	
[3]	SD BOARD ASS'Y	1-2-2b	(S557), SD CN303(WR553a)	
[4]	SIDE OPE BOARD ASS'Y	1-2-2b	2(S512), CAMERA OPE UNIT, (S522), HOLDER(G.OUTER), 2(S514), BKT(S.COVER/VF), (S521), SIDE COVER ASS'Y, KNOB(DSC)	
[5]	CASS.COVER ASS'Y (ARM ASS'Y)	1-2-2b	4(S515) ----- 2(S513), BATT.TERM.	

[UPPER ASS'Y(G)]

Step No.	Part Name	Fig. No.	Point	Note
[1]	MONITOR ASS'Y(G)	1-2-2c	(S614)*, BKT(SPEAKER)*, (S617), 2(S616), 2(S611), (WR601a) ----- 2(S612), COVER(TOP/UPP)L, COVER(TOP/UPP)R	(*601a)
[2]	U.CASE ASS'Y	1-2-2c	(S610), FRAME(UPPER) ASS'Y	

(*601a) Mark*: This part was deleted on the way of production.

[MONITOR ASS'Y(G)]

Step No.	Part Name	Fig. No.	Point	Note
[1]	M.COVER ASS'Y	1-2-2d	3(S815), 2(S814)	
[2]	MONITOR BOARD ASS'Y	1-2-2d	(WR802a), MONITOR CN7601(WR802b), MONITOR CN7602(WR802c), 2(SD802a), (S812), 2(L802a)	
[3]	HINGE UNIT ASS'Y	1-2-2d	(S813)	
[4]	MONITOR CASE(3)	1-2-2d	BACK LIGHT, LCD BKT(3INCH)2, LCD MODULE, LCD BKT(3INCH)1	

[VF ASS'Y(G)]

Step No.	Part Name	Fig. No.	Point	Note
[1]	VFBW BOARD ASS'Y	1-2-2e	FRAME(VF)2 VFBW CN7002(WR851a), 2(S875)	
[2]	GUIDE(OUTER) ASS'Y	1-2-2e	2(S871), (L852a), COVER(VF) ASS'Y	

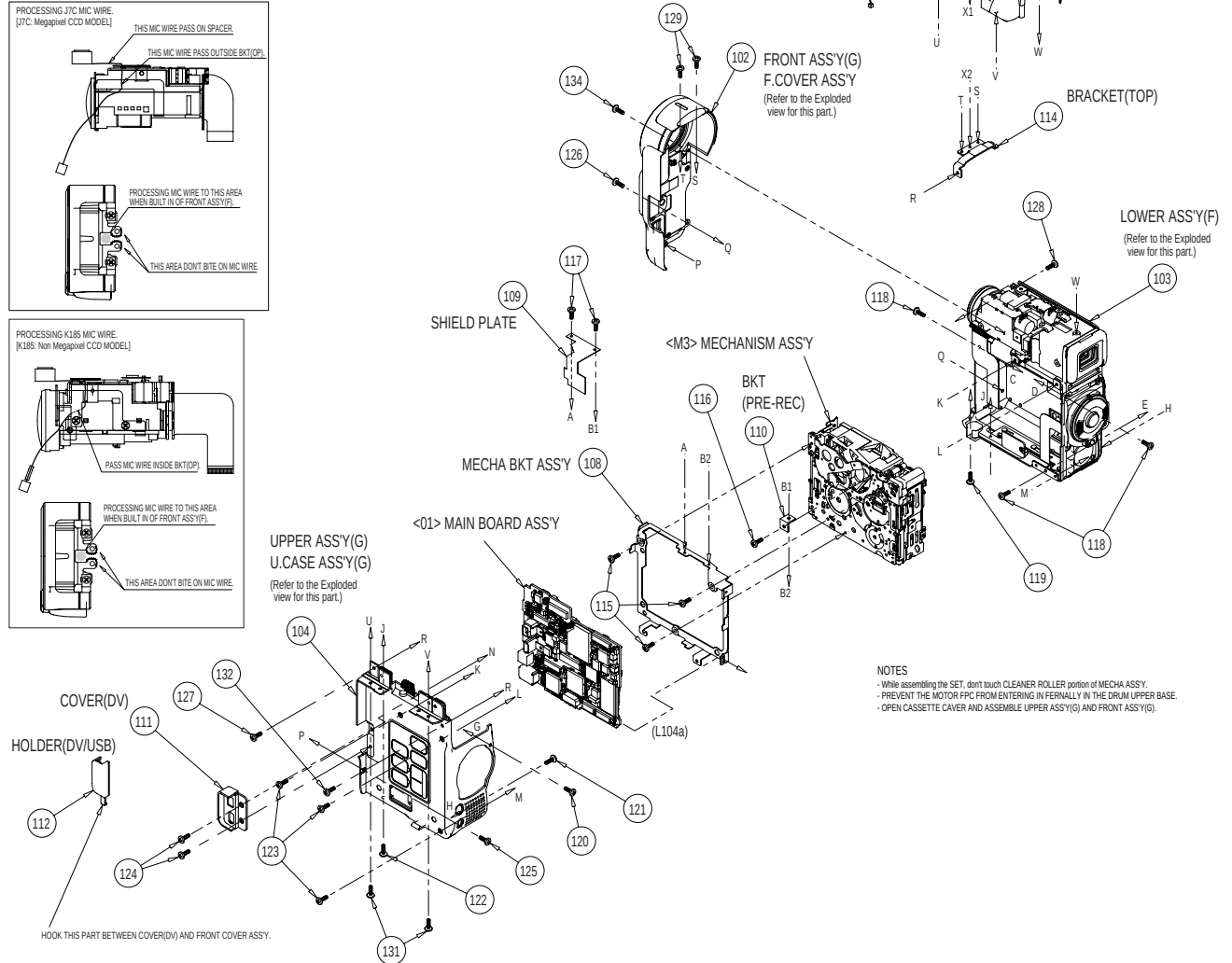
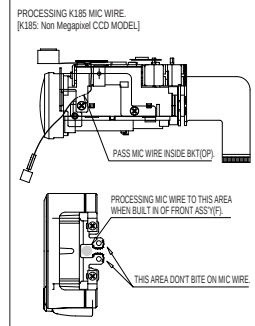
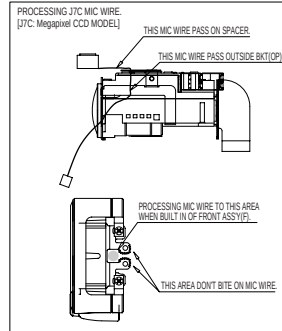
<M2> FINAL ASS'Y

TABLE OF SETTING TORQUE FOR SCREW DRIVER

PART NO.	SETTING TORQUE
(115)(116)(117)	0.07 ±0.01 N·m
OTHER SCREW	0.09 ±0.01 N·m

Table.1 WIRE(FPC) CONNECTION TABLE

PWB NAME	CN No.	ASSY NAME	WIRE(FPC)NAME
MAIN PWB ASSY	CN101	LOWER ASSY(F)	BATT TERM
MAIN PWB ASSY	CN102	LOWER ASSY(F)	CCD
MAIN PWB ASSY	CN103	MECHA(A) ASSY	LOAD MOTOR
MAIN PWB ASSY	CN104	MECHA(A) ASSY	DRUM MOTOR
MAIN PWB ASSY	CN106	MECHA(A) ASSY	SENSOR
MAIN PWB ASSY	CN107	MECHA(A) ASSY	8-ENC
MAIN PWB ASSY	CN108	MECHA(A) ASSY	CAPSTAN
MAIN PWB ASSY	CN109	LOWER ASSY(F)	SD PWB ASSY (CN301)
MAIN PWB ASSY	CN110	MECHA(A) ASSY	HEAD
MAIN PWB ASSY	CN111	LOWER ASSY(F)	CAMERA OPE
MAIN PWB ASSY	CN112	UPPER ASSY(G)	SUB OPE
MAIN PWB ASSY	CN113	UPPER ASSY(G)	MONI PWB
MAIN PWB ASSY	CN114	MIC ASSY	MIC WIRE
MAIN PWB ASSY	CN115	FRONT ASSY(G)	STROBE PWB



NOTES

- While assembling the SET, don't touch CLEANER ROLLER portion of MECHA ASSY.
- PREVENT THE MOTOR FPC FROM ENTERING IN PERALLY IN THE DRUM UPPER BASE.
- OPEN CASSETTE COVER AND ASSEMBLE UPPER ASSY(G) AND FRONT ASSY(G).

FINAL ASS'Y LYH20619
CLEANER ASS'Y LYH20615

TABLE OF SETTING TORQUE FOR SCREW DRIVER

PART NO.	SETTING TORQUE
(188)(189)	0.069 ±0.007 N·m

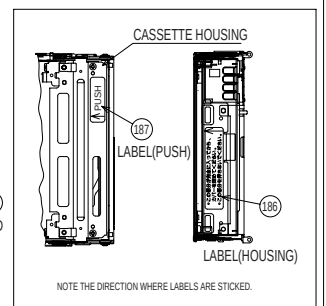
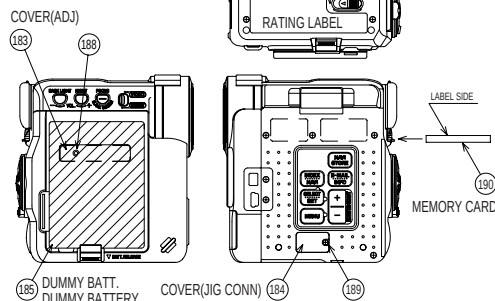
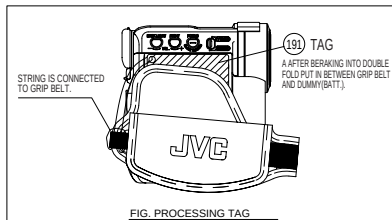
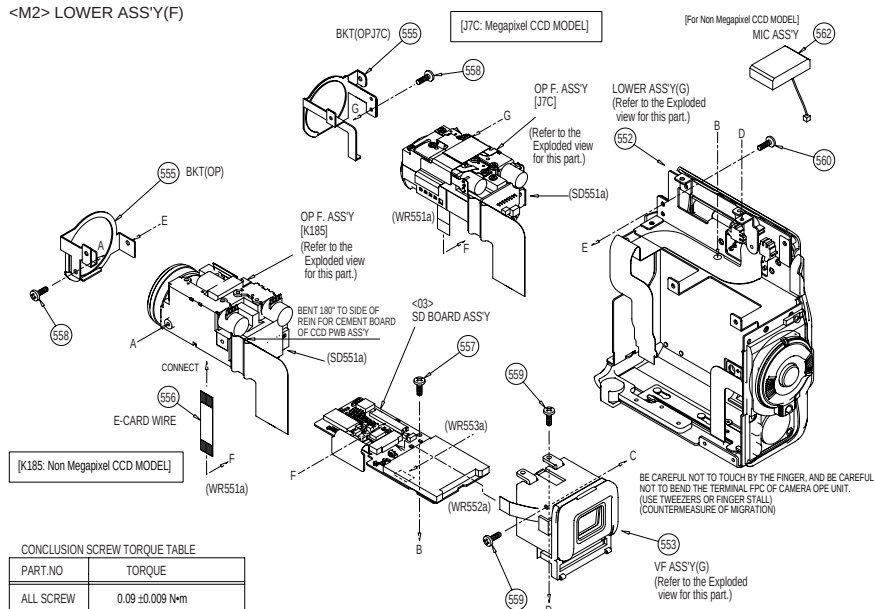


Fig. 1-2-2a FINAL ASS'Y

<M2> LOWER ASS'Y(F)



LOWER ASS'Y(F) LYH20622

<M2> LOWER ASS'Y(G)

PART.NO	TORQUE
514	0.07 ±0.009 N·m
ANOTHER SCREW	0.12 ±0.01 N·m

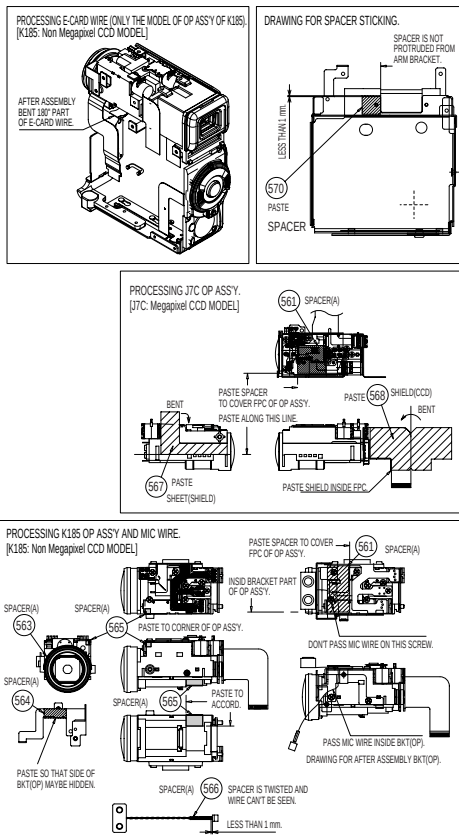
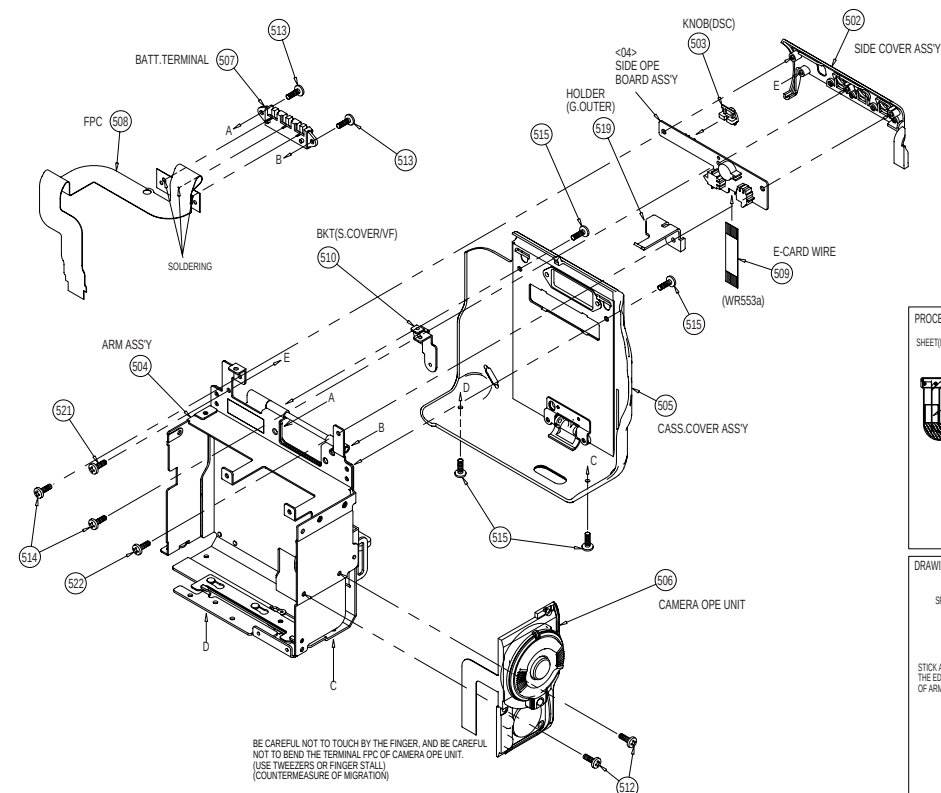
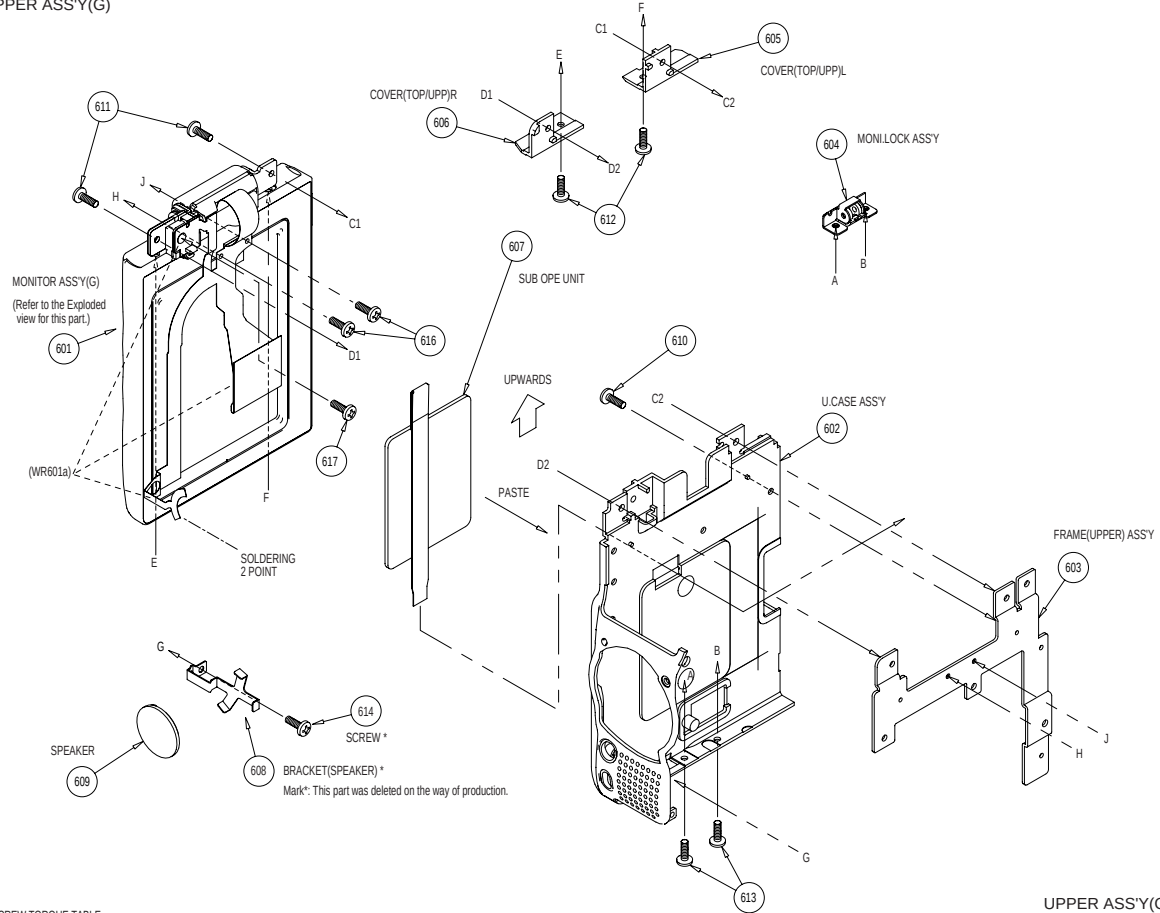


Fig. 1-2-2b LOWER ASS'Y(F), LOWER ASS'Y(G)

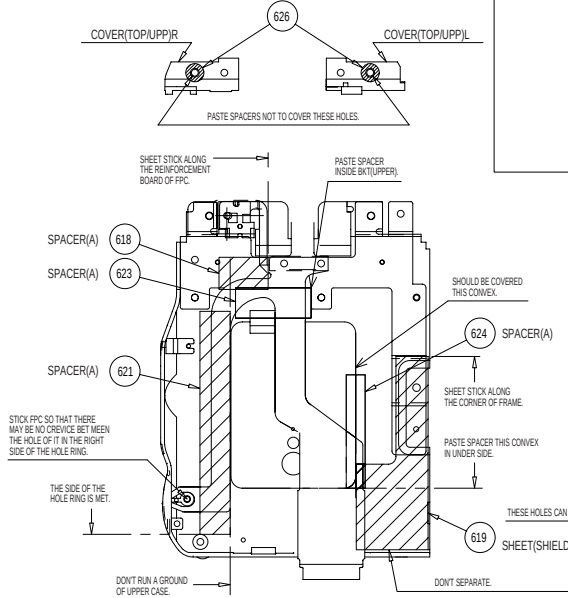
<M2> UPPER ASS'Y(G)



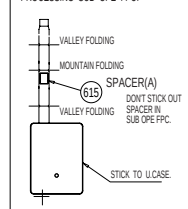
CONCLUSION SCREW TORQUE TABLE

PART.NO	TORQUE
611	0.2 ±0.01 N·m
ANOTHER SCREW	0.08 ±0.01 N·m

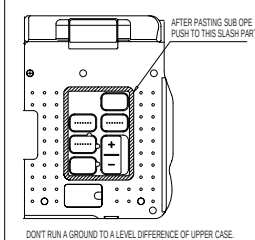
DRAWING FOR SPACER STICKING.



PROCESSING SUB OPE FPC.



PROCESSING SUB OPE.



PROCESSING MONITOR FPC.

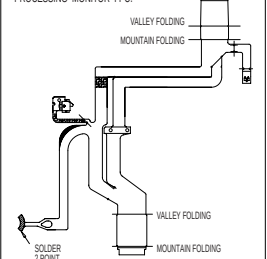
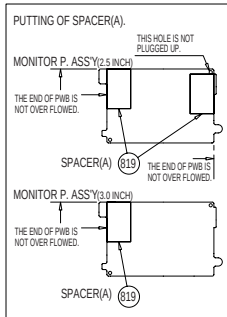
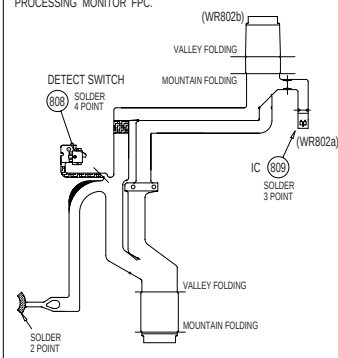
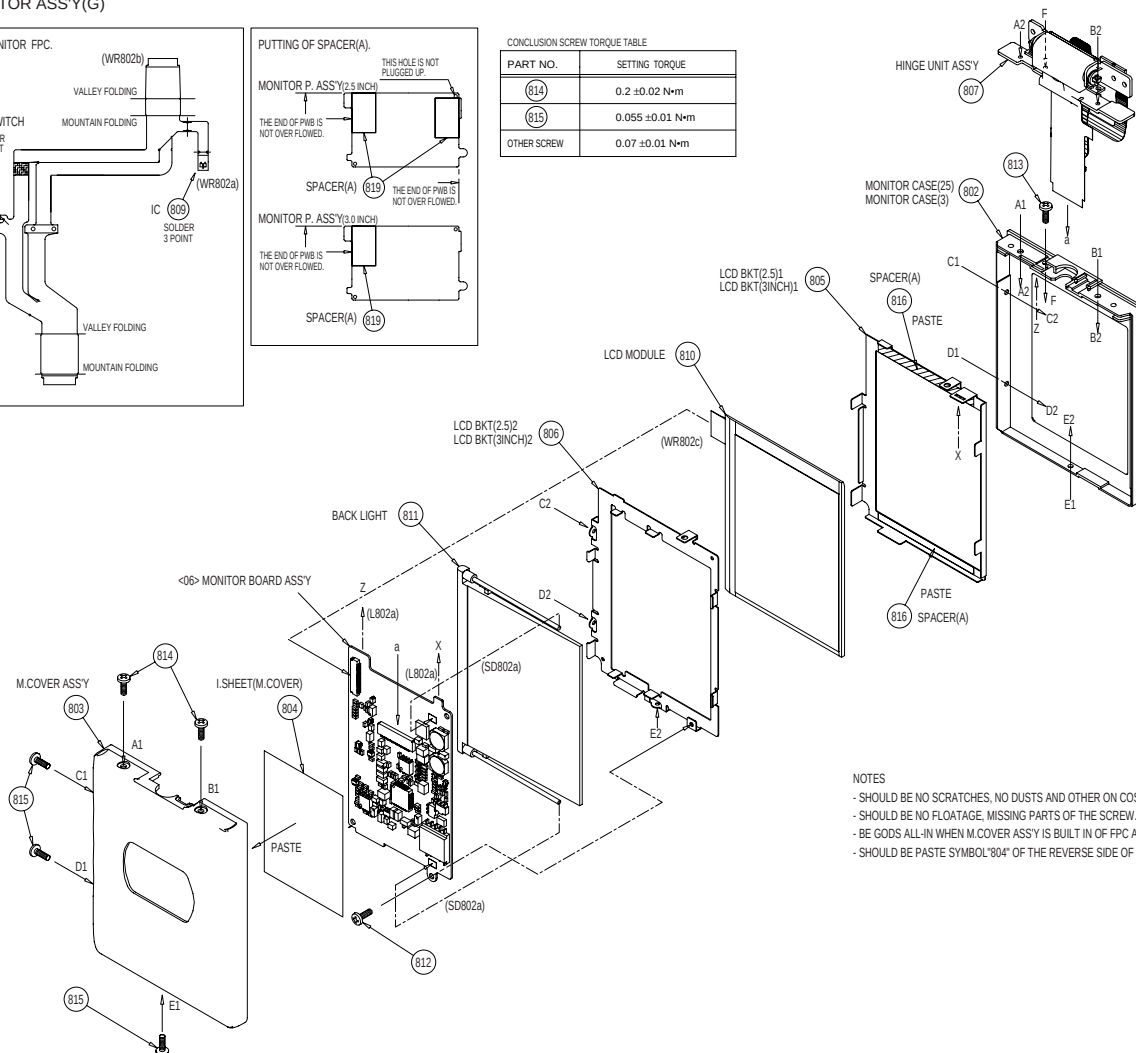


Fig. 1-2-2c UPPER ASS'Y(G)

PROCESSING MONITOR FPC



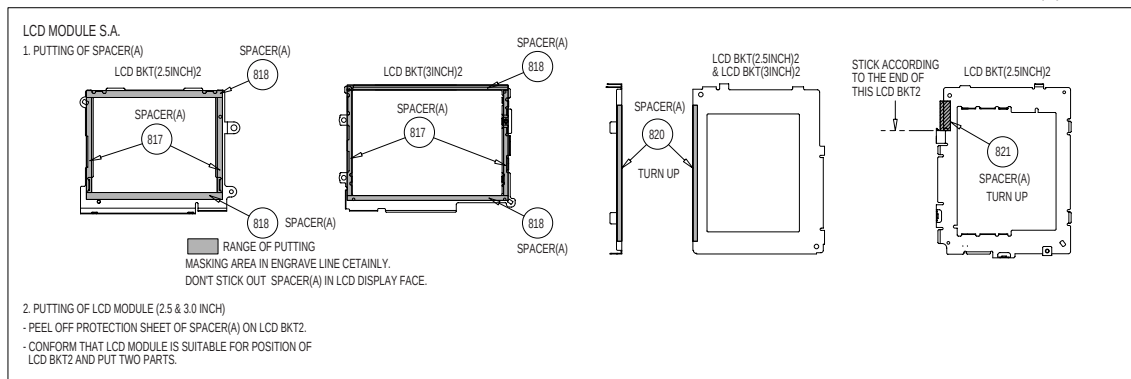
PART NO.	SETTING TORQUE
(814)	0.2 ±0.02 N•m
(815)	0.055 ±0.01 N•m
OTHER SCREW	0.07 ±0.01 N•m



NOTES

- SHOULD BE NO SCRATCHES, NO DUSTS AND OTHER ON COSMETIC COMPONENTS.
- SHOULD BE NO FLOATAGE, MISSING PARTS OF THE SCREW.
- BE GODS ALL-IN WHEN M.COVER ASSY IS BUILT IN OF FPC AND WIRE, ETC.
- SHOULD BE PASTE SYMBOL "804" OF THE REVERSE SIDE OF M.COVER.

MONITOR ASS'Y(G) LYH20625



1-6

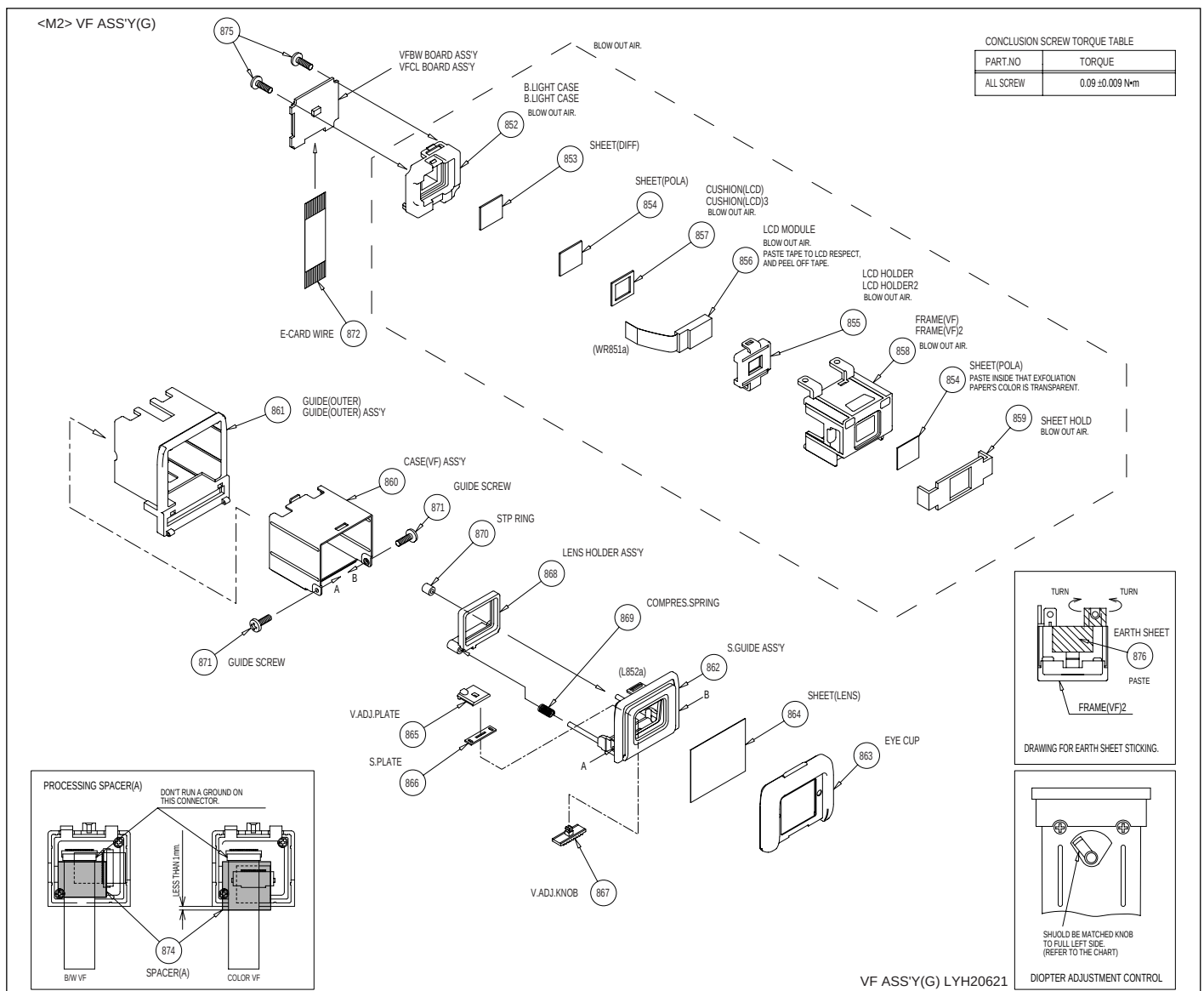


Fig. 1-2-2e VF ASS'Y(G)

1.3 Manually removing the cassette tape

The following procedure describes a simplified method of ejecting the cassette tape in case it is not possible to eject it, due to an electrical failure.

Be careful not to damage any of the parts or the tape when performing repairs or maintenance work.

(1) Remove the Power Unit (battery, DC code, etc.) from the main unit.

(2) Open the Cassette cover.

(3) Attach a piece of PVC tape at the front of the Cassette housing.

This helps prevent the tape from being damaged when the Cassette housing assembly is moved upward at the unloading end.

(4) Apply DC3V to the electrode on the top surface of the Loading motor assembly to set the Mechanism assembly to the eject mode.

Unloading end is eject mode.

(5) If there is any slack tape in the tape transport system, wind it inside the cassette tape by turning the Reel disk (SUP) from the backside of the Slide deck assembly.

(6) Peel off the PVC tape and take out the cassette tape from the Cassette housing.

Make sure that grease or a similar substance is not attached to the surface of the tape.

Similarly, also make sure that grease or a similar substance is not attached on the Mechanism assembly.

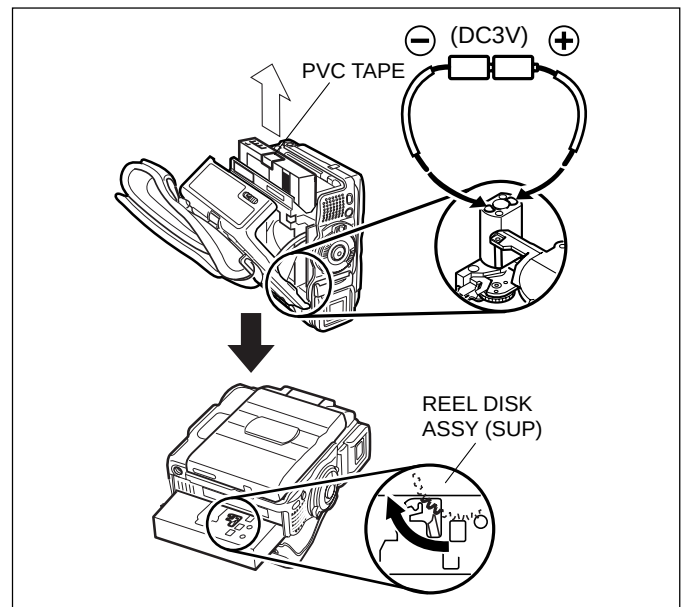


Fig. 1-3a

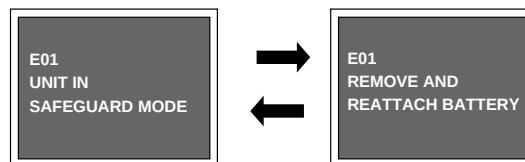
1.4 EMERGENCY DISPLAY

Whenever some abnormal signal is input to the syscon CPU, an error number (E01, as an example) is displayed on the LCD monitor or (in the Electronic view finder).

In every error status, such the message as shown below alternately appear over and over.

In an emergency mode, all operations except turning on/off the Power switch are ineffectual.

Example (in case of the error number E01):



LCD display	Emergency mode	Details	Possible cause
E01	LOADING	In the case the encoder position is not shifted to the next point though the loading motor has rotated in the loading direction for 4 seconds or more. This error is defined as [E01].	1. The mechanism is locked during mode shift. 2. The mechanism is locked at the mechanism loading end, because the encoder position is skipped during mechanism mode shift. 3. No power is supplied to the loading MDA.
E02	UNLOADING	In the case the encoder position is not shifted to the next point though the loading motor has rotated in the unloading direction for 4 seconds or more. This error is defined as [E02].	1. The mechanism is locked during mode shift. 2. The mechanism is locked at the mechanism loading end, because the encoder position is skipped during mechanism mode shift.
E03	TU & SUP REEL FG	In the case no REEL FG is produced for 4 seconds or more in the capstan rotation mode after loading was complete, the mechanism mode is shifted to STOP with the pinch roller set off. This error is defined as [E03]. However, no REEL EMG is detected in the SLW/STILL mode.	1. The idler gear does not engage with the reel disk well. 2. Though the idler gear and reel disk are engaged with each other, the tape is not wound because of overload to the mechanism. 3. No FG pulse is output from the reel sensor. 4. No power is supplied to the reel sensor. 5. Tape transport operation takes place with a cassette having no tape inside. 6. The tape slackens and no pulse is produced until the slack is taken up and the tape comes into the normal status.
E04	DRUM FG	In the case there is no DRUM FG input in the drum rotation mode for 4 seconds or more. This error is defined as [E04], and the mechanism mode is shifted to STOP with the pinch roller set off.	1. The drum cannot be started or drum rotation is stopped because tape transport load is too high. 1) Tape tension is extremely high. 2) The tape is damaged or soiled with grease, etc. 2. The DRUM FG signal is not received by the syscon CPU. 1) Disconnection in the middle of the signal line. 2) Failure of the DRUM FG pulse generator (hall element). 3. No drum control voltage is supplied to the MDA. 4. No power is supplied to the DRUM MDA.
E05	—	—	—
E06	CAPSTAN FG	In the case no CAPSTAN FG is produced in the capstan rotation mode for 2 seconds or more. This error is defined as [E06], and the mechanism mode is shifted to STOP with the pinch roller set off. However, no CAPSTAN EMG is detected in the STILL/FF/REW mode.	1. The CAPSTAN FG signal is not received by the syscon CPU. 1) Disconnection in the middle of the signal line. 2) Failure of the CAPSTAN FG pulse generator (MR element). 2. No capstan control voltage is supplied to the MDA. 3. No power is supplied to the CAPSTAN MDA. 4. The capstan cannot be started or capstan rotation is stopped because tape transport load is too high. 1) Tape tension is extremely high. (Mechanical locking) 2) The tape is damaged or soiled with grease, etc. (Tape tangling occurs, etc.)

Fig. 1-4a

SECTION 3 ADJUSTMENT

3.1 Before adjustment

3.1.1 Precaution

This model does not contain adjustment controls (VR). General deck system, camera system and monitor system adjustment are not required. However, if circuit board mounting the EEPROM needs replacement, please use original EEPROM on to new board. Then adjustment are not required. And if parts such as the following need replacement, special computerized adjustment are required. Electrical adjustment with personal computer is setup and it adjusts using a service support system. Please contact to JVC Service for detail information.

- OP BLOCK ASSEMBLY
- EEPROM (IC1003 of MAIN board) [Megapixel CCD MODEL]
- EEPROM (IC1005 of MAIN board) [Non Megapixel CCD MODEL]

In the event of malfunction with electrical circuits, troubleshooting with the aid of proper test instruments must be done first, and then commence necessary repair, replacement and adjustment, etc.

- In case of wiring to chip test points for measurement, use IC clips, etc. to avoid any stress.
- Since connectors are fragile, carefully handle them in disconnecting and connecting.
- In the following work, use the patch cords as required. For details of the patch cords, see the "BOARD INTERCONNECTIONS" (CHARTS AND DIAGRAMS).

3.1.2 Required test equipments

- AC power adapter
- Color television or monitor
- Oscilloscope
(dual-trace type, observable 100 MHz or higher frequency)
It is recommended to use one observable 300 MHz or higher frequency.
- Digital voltmeter
- Frequency counter (with threshold level adjuster)
- Personal computer

3.1.3 Required adjustment tools

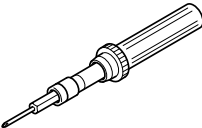
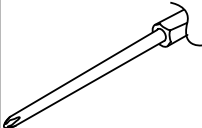
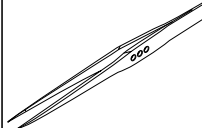
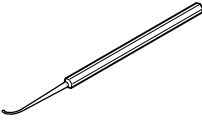
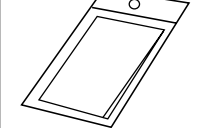
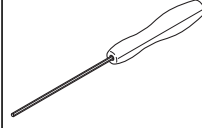
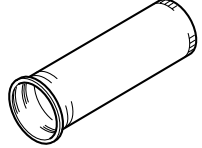
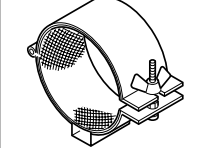
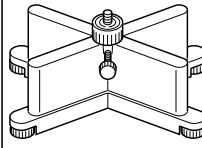
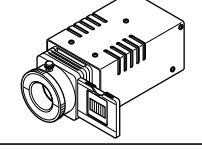
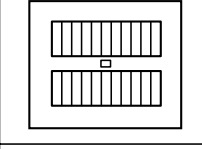
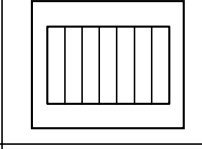
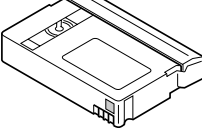
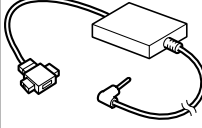
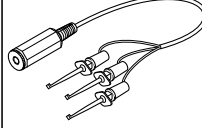
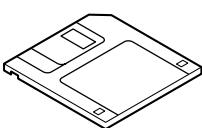
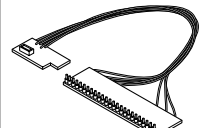
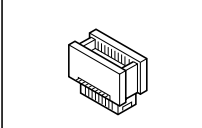
Torque driver YTU94088	Bit YTU94088-003	Tweezers P-895
		
Chip IC replacement jig PTS40844-2	Cleaning cloth KSMM-01	Guide driver (Hexagonal) D-770-1.27
		
INF adjustment lens YTU92001B	INF lens holder YTU94087	Camera stand YTU93079
		
Light box assembly YTU93096A	Gray scale chart YTU94133A	Color bar chart YTU94133C
		
Alignment tape MC-*	PC cable QAM0099-***	Communication cable YTU93107A
		
Service support system YTU94057-**	Jig connector cable YTU93106B	Extension connector YTU94145C-30
		

Table 3-1-3a

- Torque driver
Be sure to use to fastening the mechanism and exterior parts because those parts must strictly be controlled for tightening torque.
- Bit
This bit is slightly longer than those set in conventional torque drivers.
- Tweezers
To be used for removing and installing parts and wires.
- Chip IC replacement jig
To be used for replacement of IC.
- Cleaning cloth
Recommended the Cleaning cloth to wipe down the video heads, mechanism (tape transport system), optical lens surface.
- Guide driver (Hexagonal)
To be used for mechanism compatibility adjustment.
- INF adjustment lens
To be used for adjustment of the camera system.
For the usage of this tool, refer to the Service Bulletin No. YA-SB-10035.
- INF lens holder
To be used together with the Camera stand for operating the Videocamera in the stripped-down condition such as the status without the exterior parts or for using commodities that are not yet conformable to the interchangeable ring.
For the usage of this tool, refer to the Service Bulletin No. YA-SB-10035.
- Camera stand
To be used together with the INF adjustment lens holder.
For the usage of this tool, refer to the Service Bulletin No. YA-SB-10035.
- Light box assembly
To be used for adjustment of the camera system.
For the usage of this tool, refer to the Service Bulletin No. YA-SB-10035.
- Gray scale chart
To be used for adjustment of the camera system.
For the usage of this tool, refer to the Service Bulletin No. YA-SB-10035.
- Color bar chart
To be used for adjustment of the camera system.
For the usage of this tool, refer to the Service Bulletin No. YA-SB-10035.
- Alignment tape
To be used for mechanism compatibility adjustment.
MC-1 [For NTSC model]
MC-2 [For PAL model]
- PC cable
To be used to connect the Videocamera and a personal computer with each other when a personal computer is used for adjustment.
QAM0099-001 [For J* model]
QAM0099-002 [For U* and K* models]
QAM0099-003 [For E* models]
QAM0099-005 [For A* models]
- Communication cable
Connect the Communication cable between the PC cable and Jig connector cable when performing a PC adjustment.
- Service support system
To be used for adjustment with a personal computer. Software can be downloaded also from JS-net.
- Jig connector cable
Connected to CN for Jig of the circuit board and used for electrical adjustment, etc.
- Extension connector
Connect this extension connector to the connector of the Jig connector cable for extending the cable connector.

3.1.4 Jig connector cable connection

3.1.4.1 Preparation

The Jig connector cable (YTU93106B) has been provided for GR-DV2000 series. And it has been connected only 9 terminals for low cost, although it has 30 terminals.

Now it can be used another series camcorder, but all the terminals have to be connected by soldering wires. Refer to the Service Bulletin (No. YA-SB-10082), and connect all the terminals.

3.1.4.2 Connection

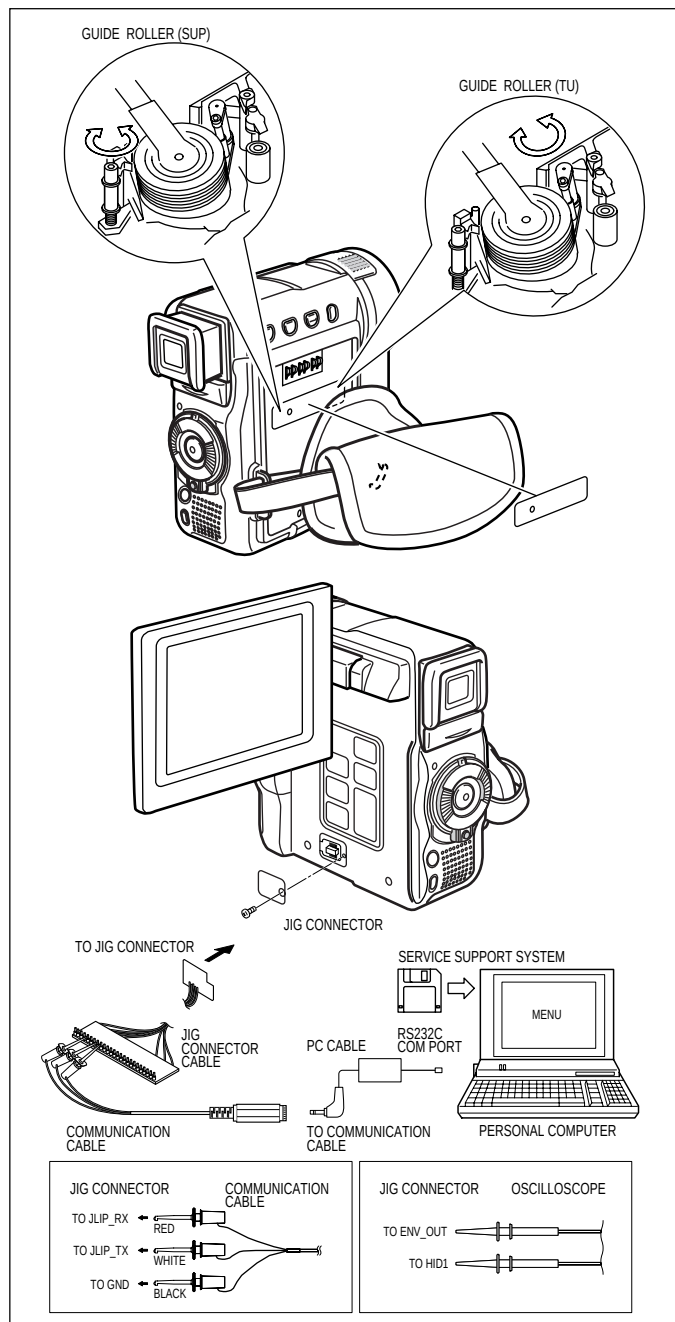


Fig. 3-1-4-2a Cable connection

	C																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
A	SRV_RX	REG_3V	DRSTL	SPA	V_OUT	GND	MON_G	CVF_G	MON_B	MONI_CHG	J1IP_RX	GND	J1IP_TX	PB_CLK	HID1	ATFI	ENV_OUT	MAIN_VCO	DISCRI	AL_3VSY	VPPD	FS_PLL	CINE_RST	IF_TX	EXMOD_1	FS_PLL	MMOD_0	IF_TX	MMOD_1	
B	AL_3VSY	CJIG_RST	NC	VPL	V_OUT	GND	MON_G	VIDL	MON_B	MONI_CHG	J1IP_RX	GND	J1IP_TX	PB_CLK	HID1	ATFI	ENV_OUT	MAIN_VCO	DISCRI	AL_3VSY	VPPD	FS_PLL	CINE_RST	IF_TX	EXMOD_1	FS_PLL	MMOD_0	IF_TX	MMOD_1	
C	AL_3VSY	CJIG_RST	NC	VPL	V_OUT	GND	MON_G	VIDL	MON_B	MONI_CHG	J1IP_RX	GND	J1IP_TX	PB_CLK	HID1	ATFI	ENV_OUT	MAIN_VCO	DISCRI	AL_3VSY	VPPD	FS_PLL	CINE_RST	IF_TX	EXMOD_1	FS_PLL	MMOD_0	IF_TX	MMOD_1	

MAIN CN105
JIG CONN.

A : Mega pixel with DSC model
B : Non Mega pixel with DSC model
C : Non Mega pixel without DSC model

Fig. 3-1-4-2b Schematic diagram of Jig CN

3.2 Mechanism compatibility adjustment

3.2.1 Tape pattern check

- (1) Play back the tape for compatibility adjustment.
- (2) Apply the external trigger signal to HID1, to observe the waveform of the ENV_OUT.
- (3) Set to the manual tracking mode (ATF OFF).
- (4) Make sure that there is no significant level drop of the waveform caused by the tracking operation, with its generally parallel and linear variation ensured. Perform the following adjustments when required.
- (5) Reduce the waveform by the tracking operation. If a drop in level is found on the left side, turn the guide roller (supply side) to make the waveform linear. If a drop in level is on the right side, likewise turn the guide roller (take-up side) to make it linear.
- (6) Unload the cassette tape once, play back the tape again and confirm that the waveform is flat.
- (7) Record at the recording tape, and play back the recorded signal.
- (8) Confirm that the waveform is flat.

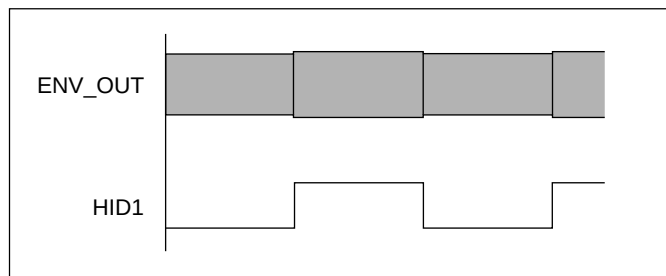


Fig. 3-2-1a

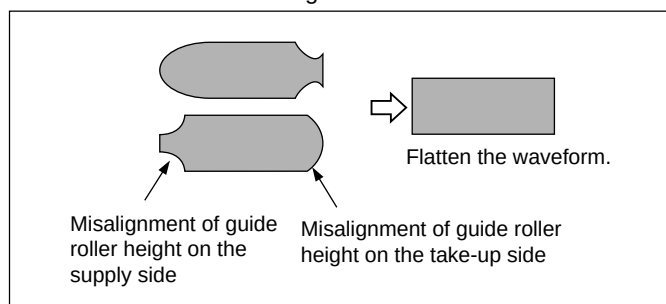


Fig. 3-2-1b

3.3 Electrical adjustment

Adjustment is performed by using personal computer. Read README.TXT file to use the software for Service support system properly.

As for the connection of cables, see Fig. Cable connection.



VICTOR COMPANY OF JAPAN, LIMITED

AV & MULTIMEDIA COMPANY. 12,3-chome,Moriya-cho,Kanagawa-ku,Yokohama,Kanagawa-prefecture,221-8528,Japan



Printed in Japan
0306 VP

SECTION 4

CHARTS AND DIAGRAMS

NOTES OF SCHEMATIC DIAGRAM

Safety precautions
The Components identified by the symbol  are critical for safety. For continued safety, replace safety critical components only with manufacturer's recommended parts.

1. Units of components on the schematic diagram

Unless otherwise specified.

- 1) All resistance values are in ohm. 1/6 W, 1/8 W (refer to parts list).
Chip resistors are 1/16 W.
K: K Ω (1000 Ω), M: M Ω (1000K Ω)
- 2) All capacitance values are in μ F, (P: PF).
- 3) All inductance values are in μ H, (m: mH).
- 4) All diodes are 1SS133, MA165 or 1N4148M (refer to parts list).

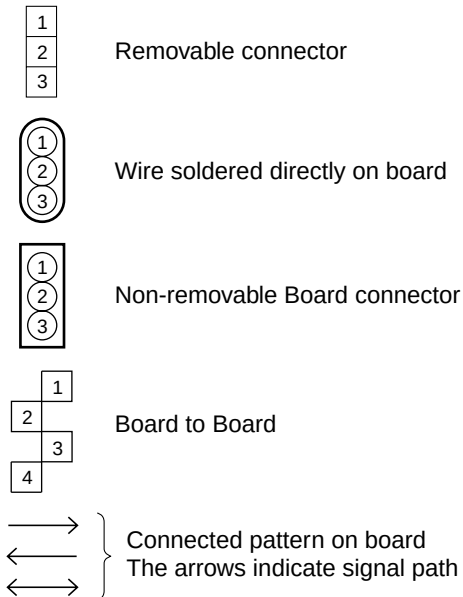
Note: The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.

2. Indications of control voltage

AUX : Active at high.

$\overline{\text{AUX}}$ or AUX(L) : Active at low.

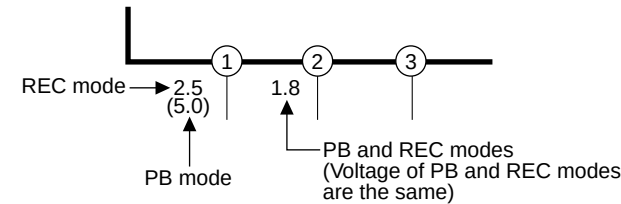
3. Interpreting Connector indications



Note: For the destination of each signal and further line connections that are cut off from the diagram, refer to "BOARD INTERCONNECTIONS"

4. Voltage measurement

- 1) Regulator (DC/DC CONV) circuits
REC : Colour bar signal.
PB : Alignment tape (Colour bar).
— : Unmeasurable or unnecessary to measure.
- 4) Indication on schematic diagram
Voltage Indications for REC and PB mode on the schematic diagram are as shown below.

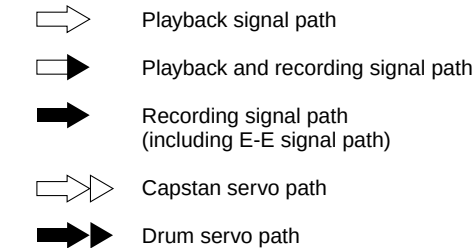


Note: If the voltages are not indicated on the schematic diagram, refer to the voltage charts.

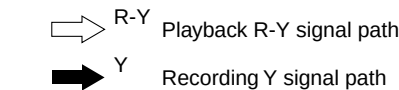
5. Signal path Symbols

The arrows indicate the signal path as follows.

NOTE : The arrow is DVC unique object.

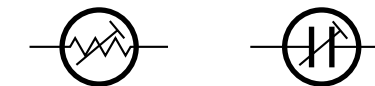


(Example)



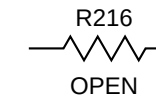
6. Indication of the parts for adjustments

The parts for the adjustments are surrounded with the circle as shown below.



7. Indication of the parts not mounted on the circuit board

"OPEN" is indicated by the parts not mounted on the circuit board.



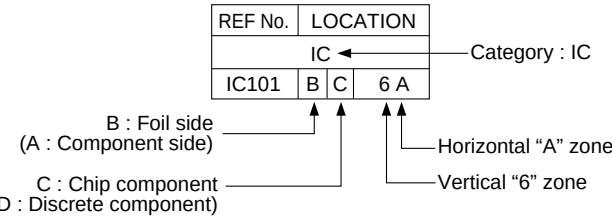
CIRCUIT BOARD NOTES

1. Foil and Component sides

- 1) Foil side (B side) :
Parts on the foil side seen from foil face (pattern face) are indicated.
- 2) Component side (A side) :
Parts on the component side seen from component face (parts face) indicated.

2. Parts location guides

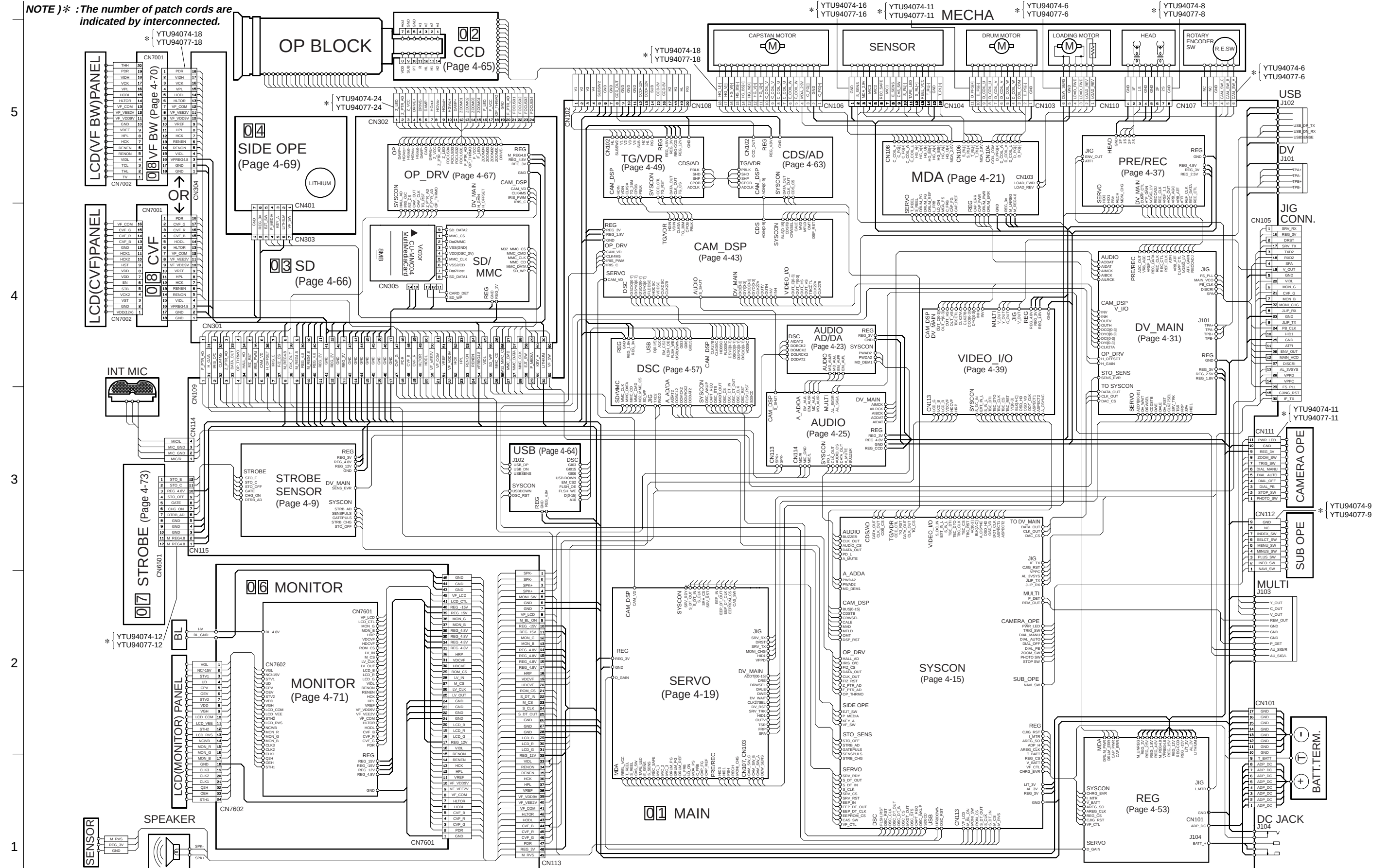
Parts location are indicated by guide scale on the circuit board.



Note: For general information in service manual, please refer to the Service Manual of GENERAL INFORMATION Edition 4 No. 82054D (January 1994).

4.1 BOARD INTERCONNECTIONS [FOR MEGA PIXEL with DSC MODEL]

NOTE) * : The number of patch cords are indicated by interconnected.



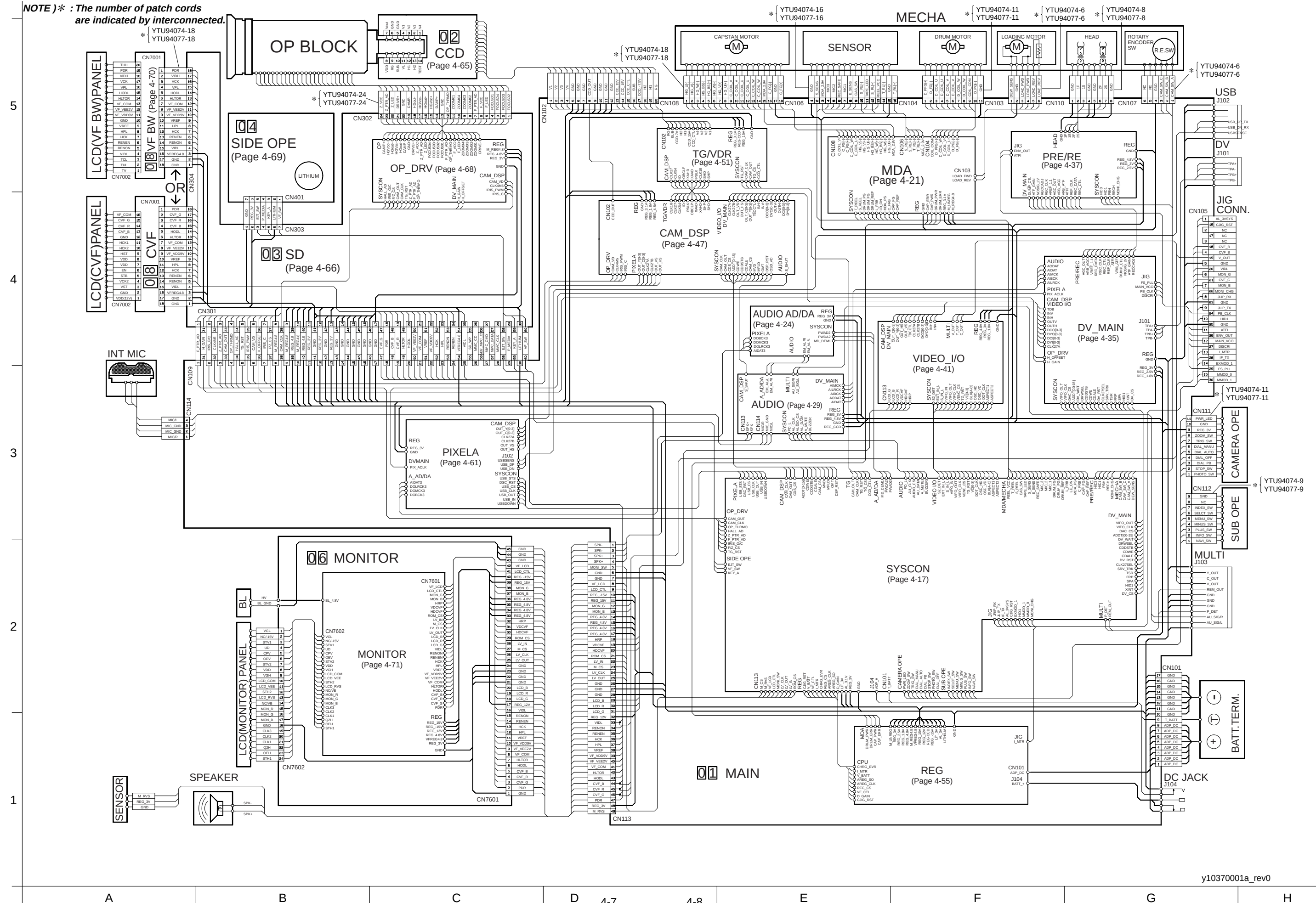
NOTE)* : The number of patch cords are indicated by interconnected.

Y10369001a_rev0

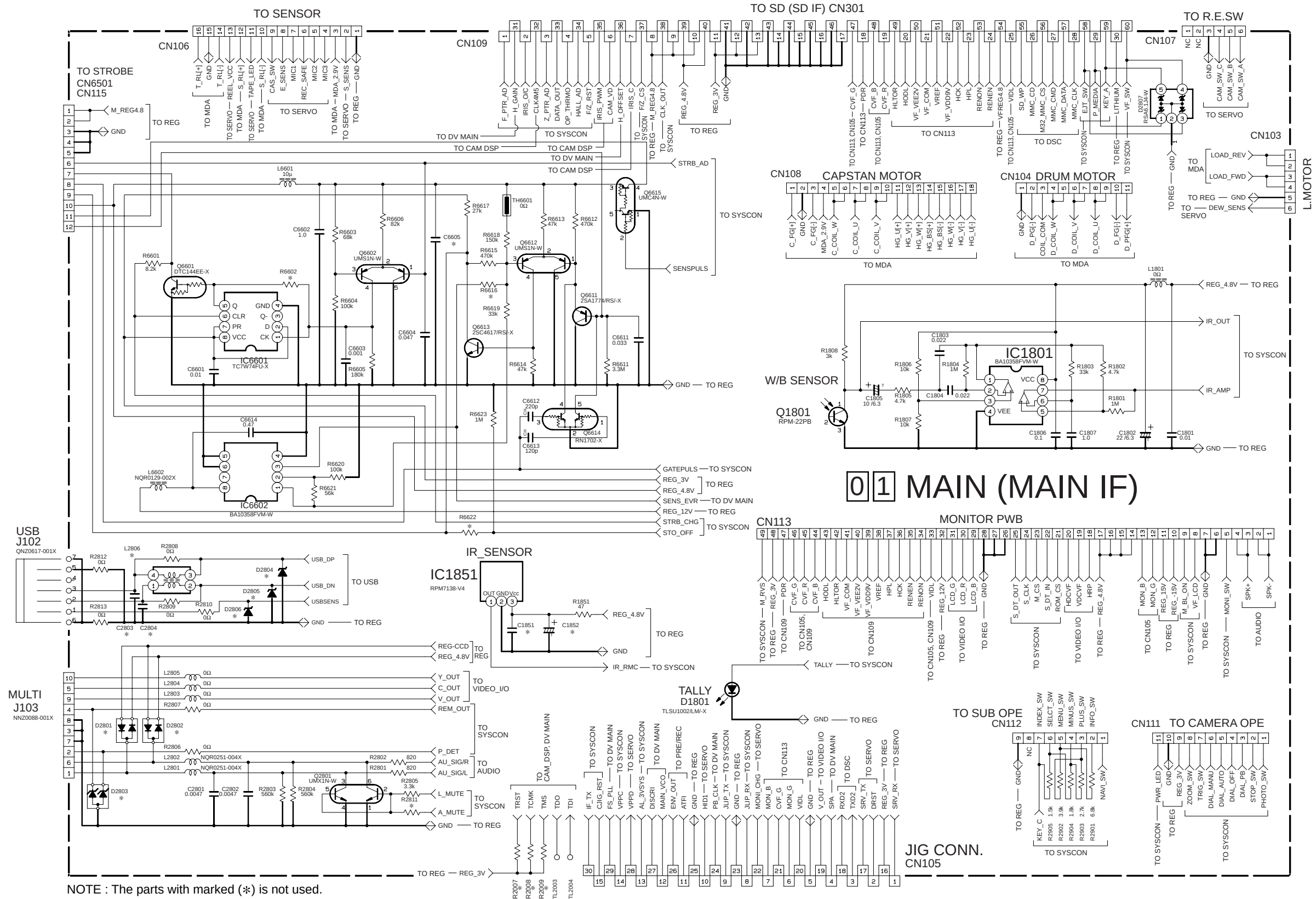
	A	B	C	D	E	F	G	H
--	---	---	---	---	---	---	---	---

4.3 BOARD INTERCONNECTIONS [FOR NON-MEGA PIXEL without DSC MODEL]

NOTE)* : The number of patch cords are indicated by interconnected.



4.4 MAIN(MAIN IF) SCHEMATIC DIAGRAM [FOR MEGA PIXEL with DSC MODEL]



NOTE : The parts with marked (*) is not used.

NOTES: UNLESS OTHERWISE SPECIFIED,
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.
T TANTAL
C CERAMIC

	Symbol No. 1801 ~ 1850		Symbol No. 1851 ~ 1900		Symbol No. 2001 ~ 2100		Symbol No. 2801 ~ 2950		Symbol No. 6601 ~ 6700	
	LAST No.	VACANT No.	LAST No.	VACANT No.	LAST No.	VACANT No.	LAST No.	VACANT No.	LAST No.	VACANT No.
R	1808		1851		2009	2001-2006	2905	2815-2900	6623	6607-6610,
C	1807		1852				2804		6614	6606-6610,
D	1801						2807			
Q	1801						2801		6615	6603-6610,
L	1801						2806		6602	
IC	1801		1851						6602	

5



3

2

1

5



3

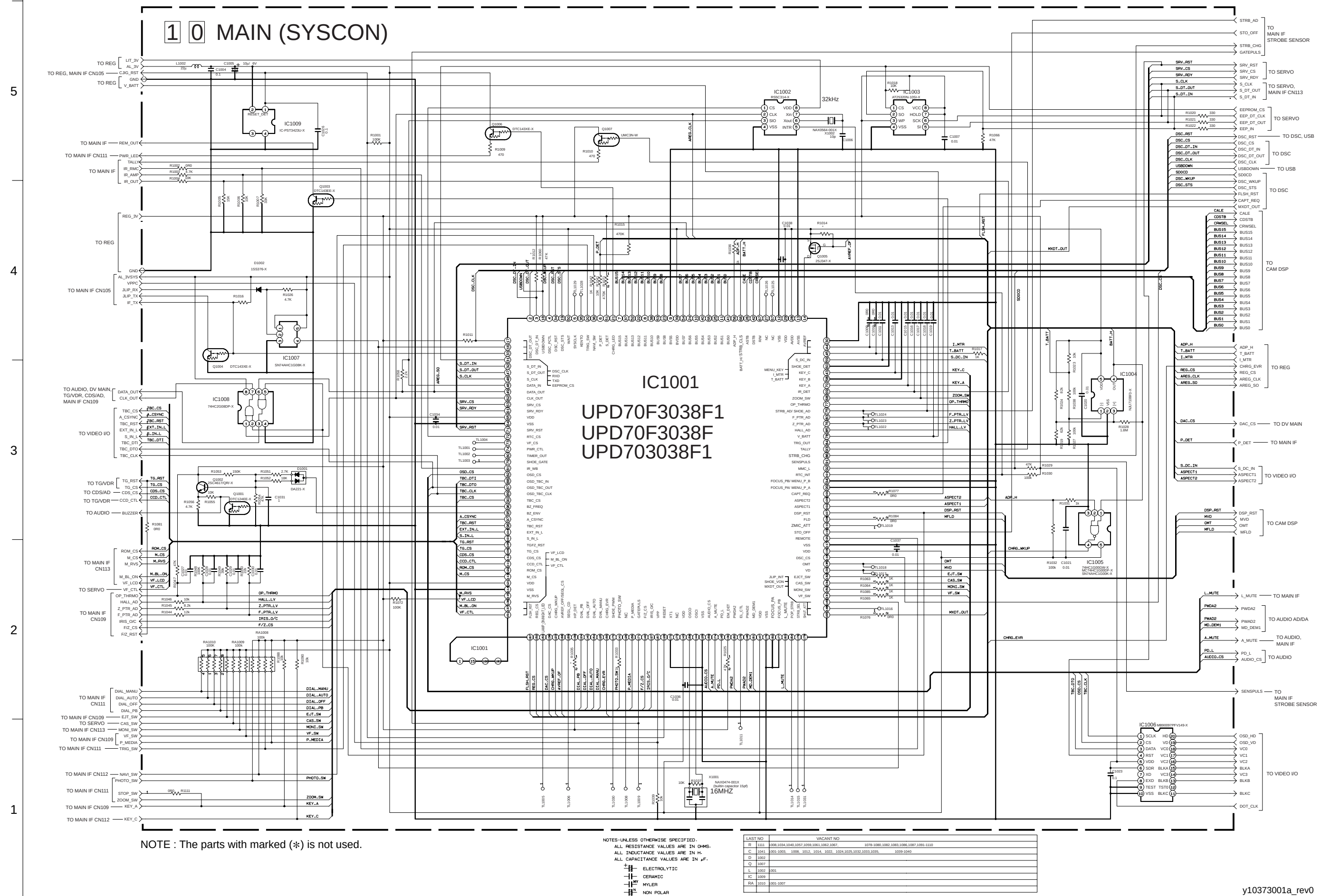


1

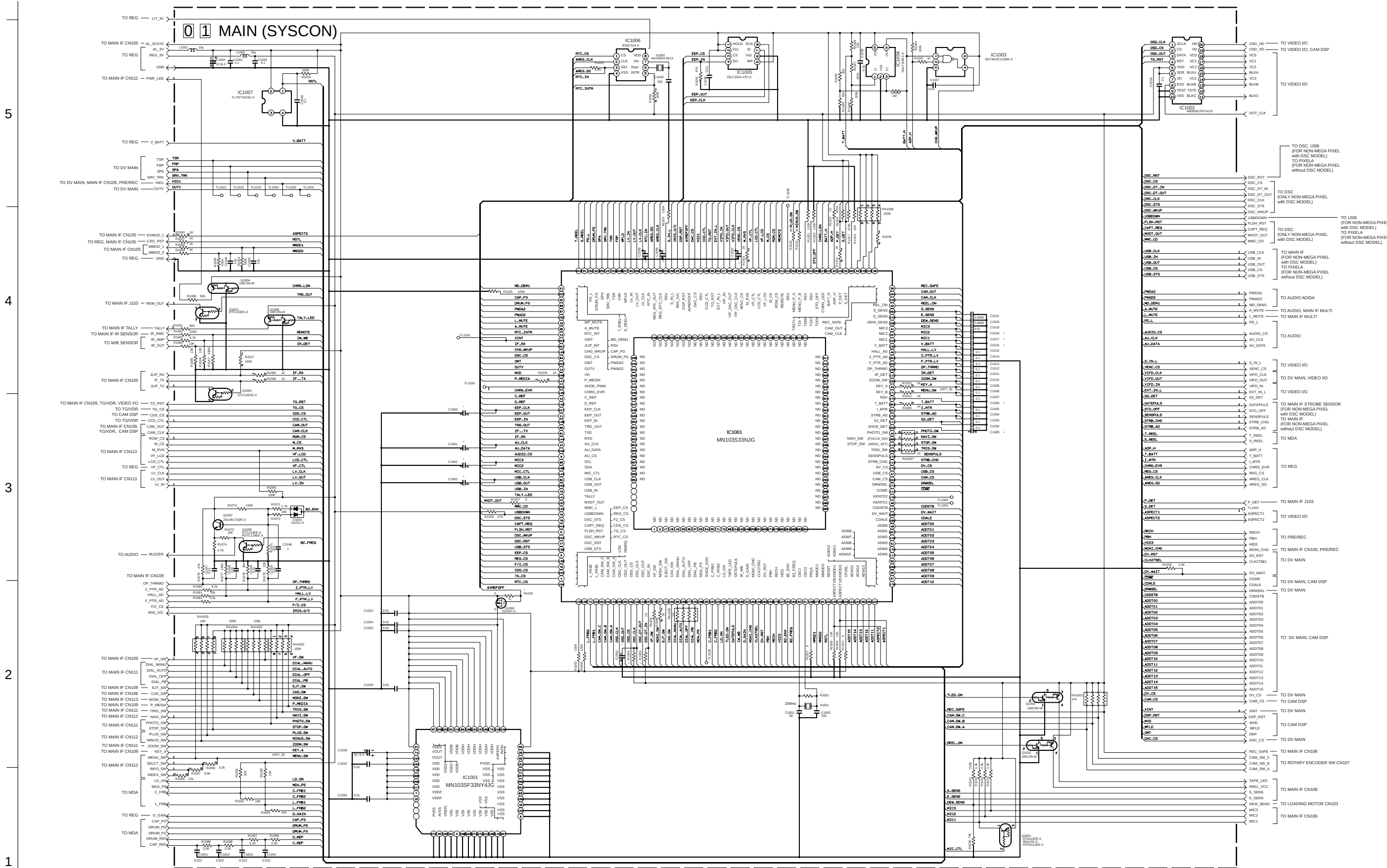
4-13 | 4-14

y20266001a_rev0

4.7 MAIN(SYSCON) SCHEMATIC DIAGRAM [FOR MEGA PIXEL MODEL]



4.8 MAIN(SYSICON) SCHEMATIC DIAGRAM [FOR NON-MEGA PIXEL MODEL]



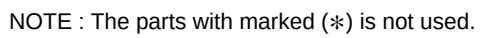
NOTE : The parts with marked (*) is not used.

NOTES: UNLESS OTHERWISE SPECIFIED:
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

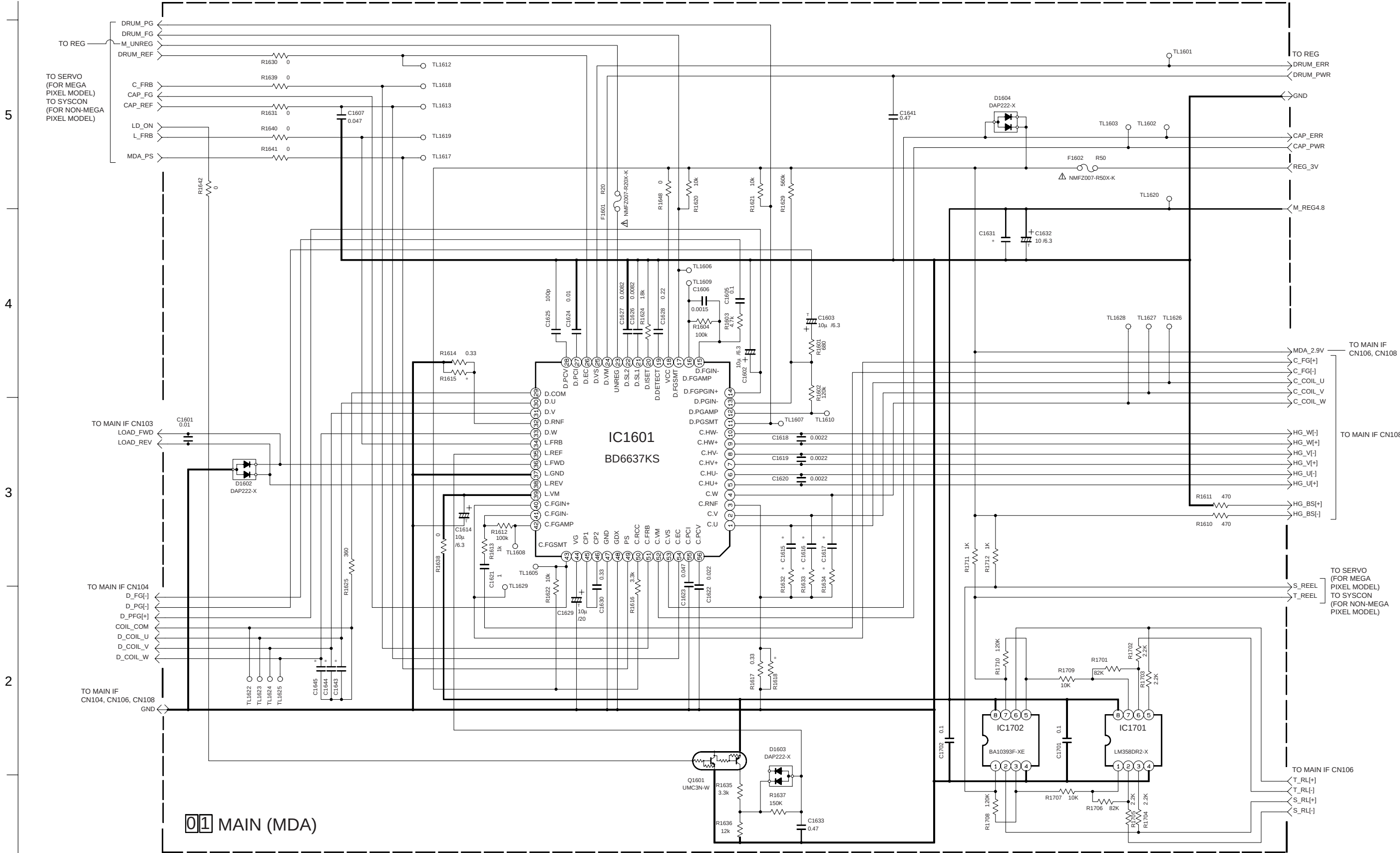
ELECTROLYTIC	
CERAMIC	
MYLAR	
NON POLAR	

LAST NO	VACANT NO
R 1099	1011, 1028, 1038, 1040, 1041, 1042, 1042.
C 1065	1023, 1026, 1027, 1028, 1031, 1033, 1034.
D 1001	
Q 1010	
L 1002	
IC 1007	
RA 1008	
TL 1039	

0 1 MAIN (SERVO)



4.10 MAIN(MDA) SCHEMATIC DIAGRAM



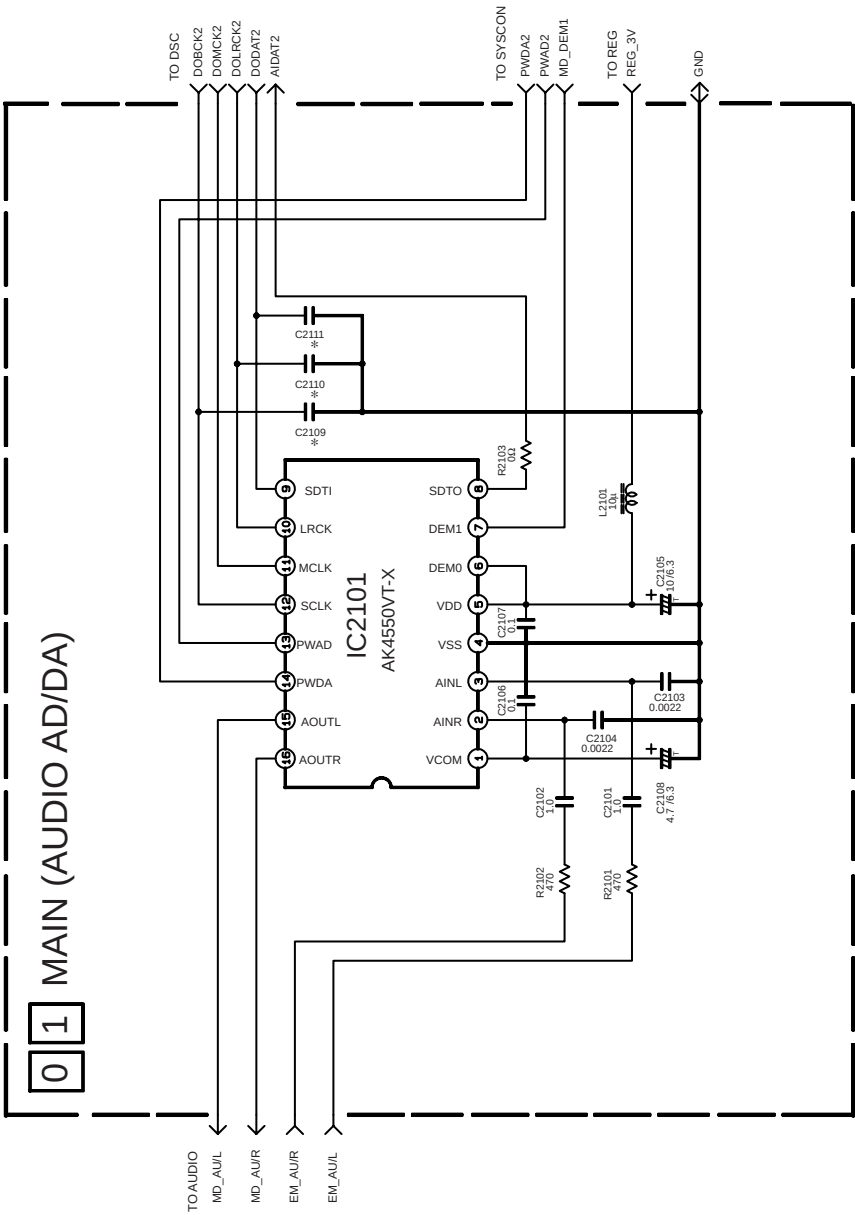
NOTE : The parts with marked (*) is not used.

NOTES:UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

⎓ ELECTROLYTIC
⎓ CERAMIC
⎓ MYLAR
⎓ NON POLAR

LAST NO	VACANT NO
R 1712	1605-1609,1619,1623,1626-1628,1643-1647,1649-1700
C 1702	1604,1608-1613,1634-1640,1642,1646-1700
D 1604	1601
Q 1601	
L —	
IC 1702	1602-1700
F 1602	

4.11 MAIN(AUDIO AD/DA) SCHEMATIC DIAGRAM [FOR with DSC MODEL]



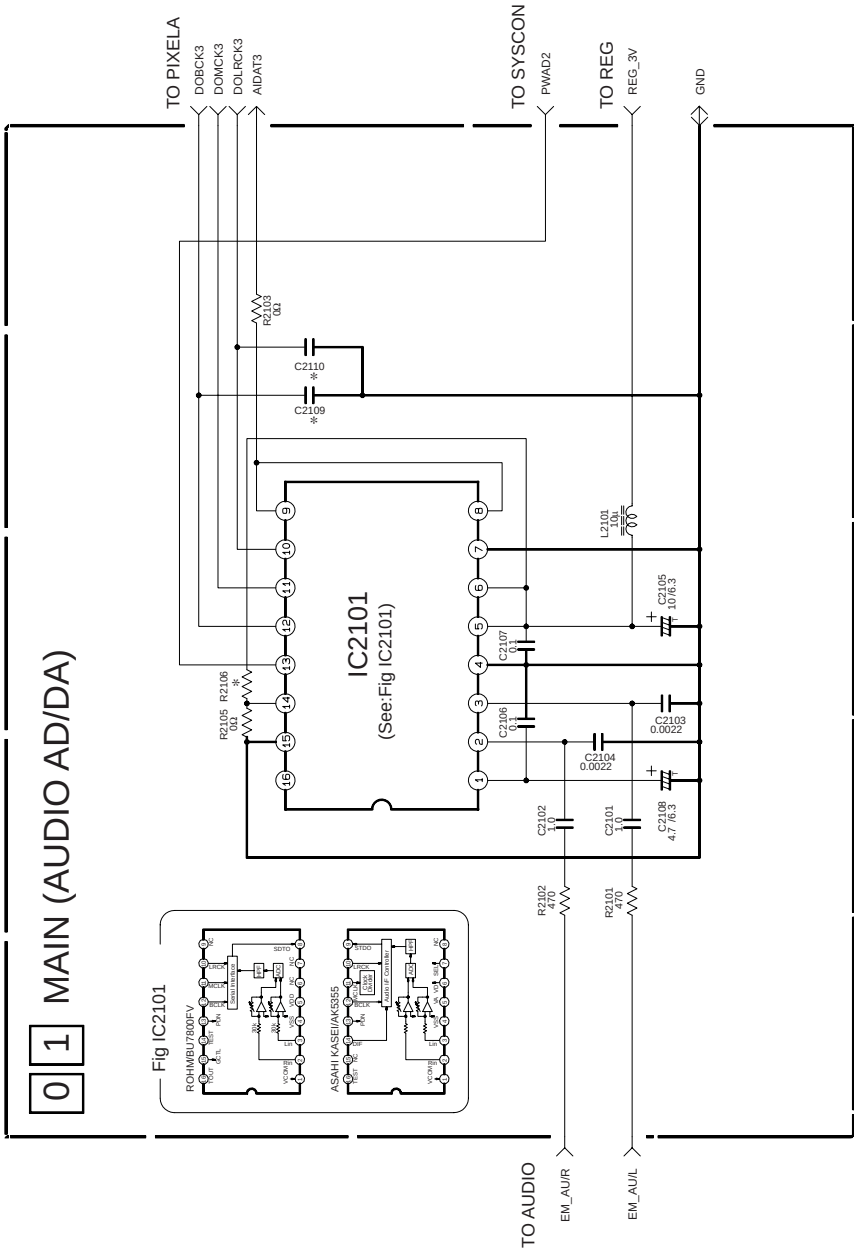
NOTE : The parts with marked (*) is not used.

SYMBOL No. 2101~ 2199

LAST No.	VACANT No.	VACANT No. (* NO USED)
R 2103		
C 2111	2109-2111	
IC 2103		
L 2101		
Q		
D		

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN #F.
CERAMIC
TANTAL

4.12 MAIN(AUDIO AD/DA) SCHEMATIC DIAGRAM [FOR without DSC MODEL]



NOTE : The parts with marked (*) is not used.

SYMBOL No. 2101~ 2199

LAST No.	VACANT No.	VACANT No. (* NO USED)
R 2106	2104	
C 2110	2106	2109-2111
IC 2101		
L 2101		
Q		
D		

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN #F.
CERAMIC
TANTAL

5



3

2

1

SYMBOL No. 2201-2699

y20271001a_rev0

5



3

2

1

y20269001a_rev0

5



3

2

1

4-29

4-30

4 20

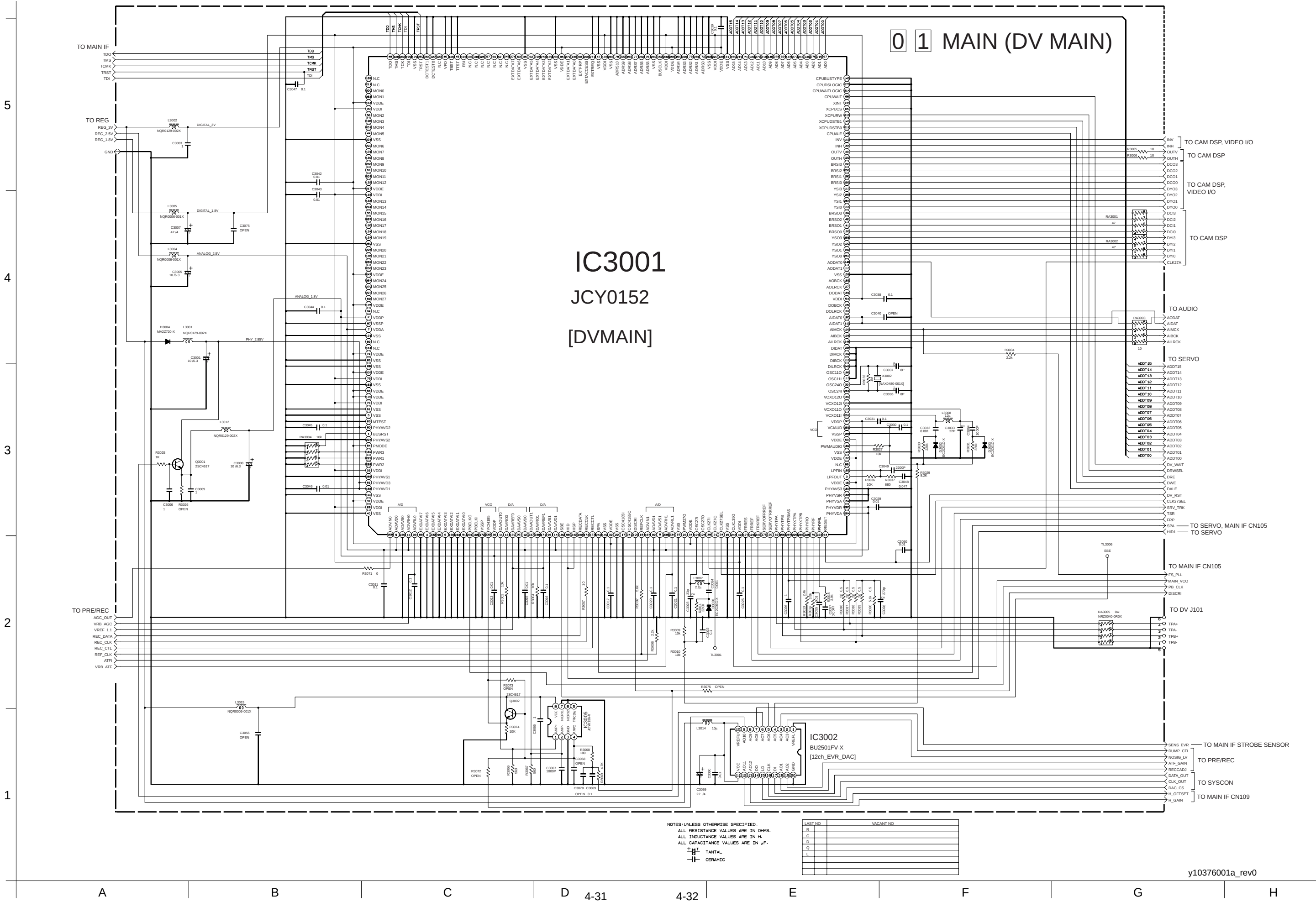
F

4 20

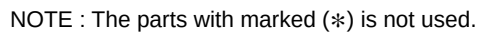
4 20

4 20

4.16 MAIN(DV MAIN) SCHEMATIC DIAGRAM [FOR MEGA PIXEL with DSC MODEL]

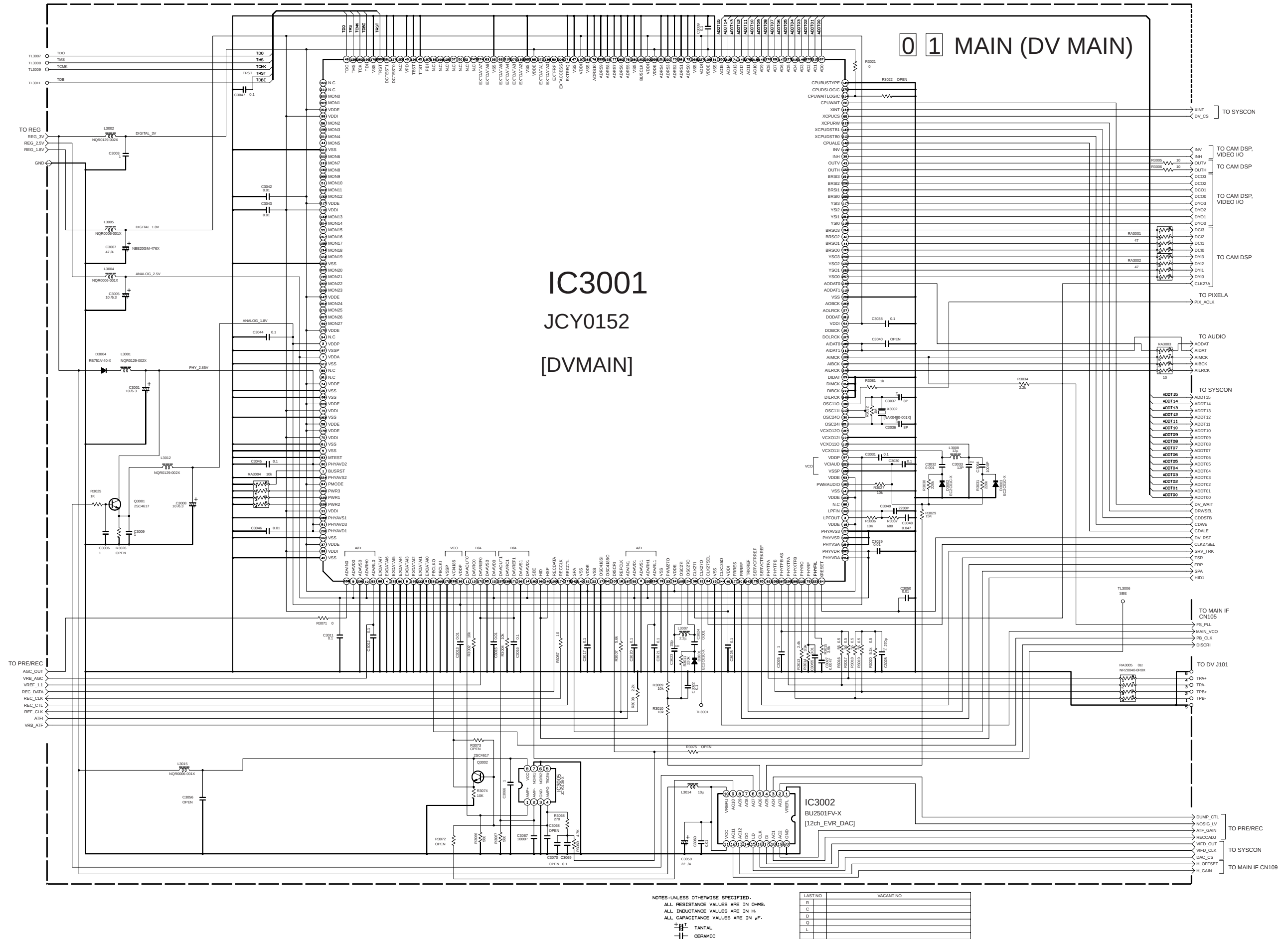


A vertical number line with tick marks labeled 1, 2, 3, 4, and 5.

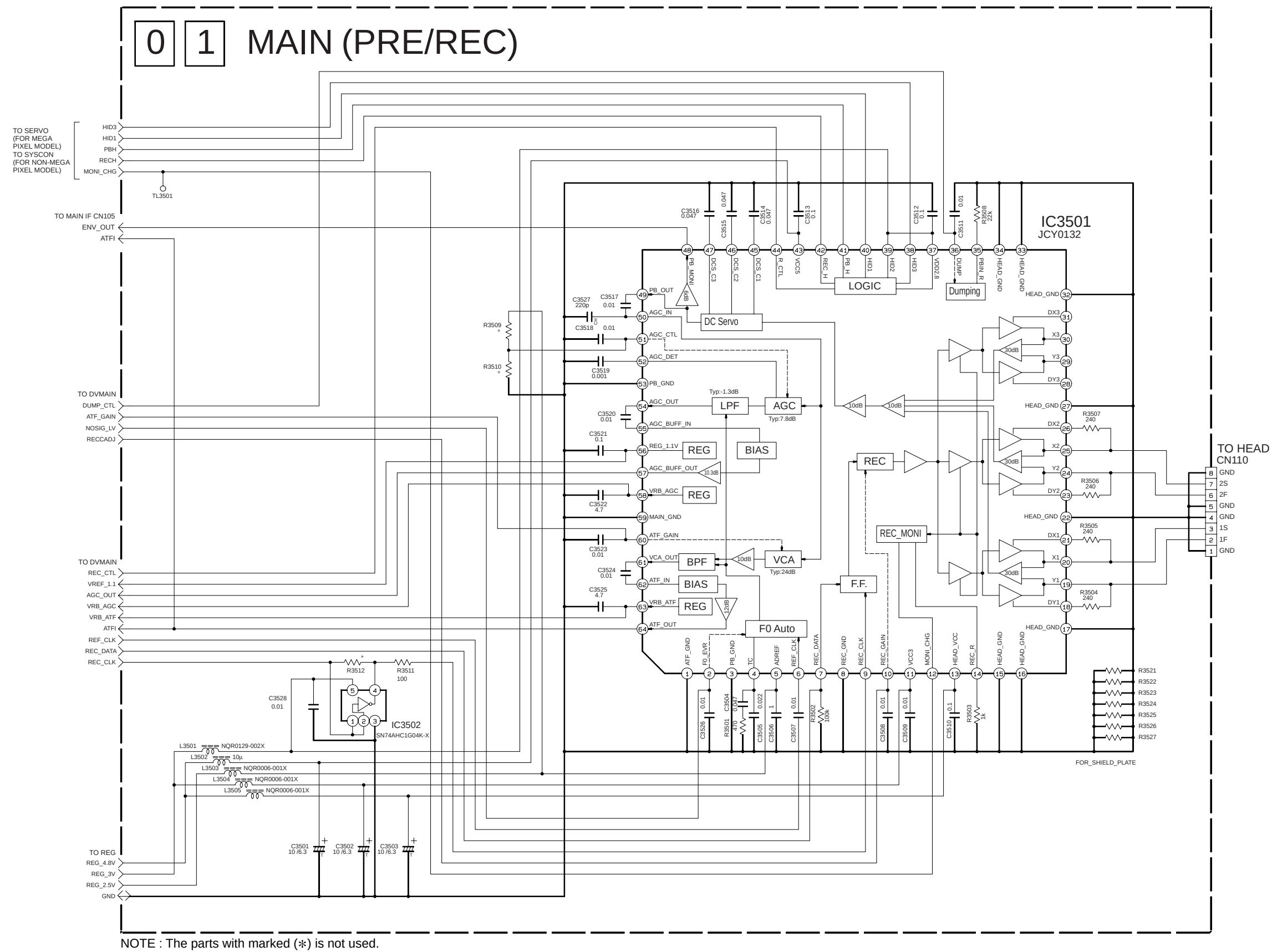


y10374001a_rev0

4.18 MAIN(DV MAIN) SCHEMATIC DIAGRAM [FOR NON-MEGA PIXEL withput DSC MODEL]



4.19 MAIN(PRE/REC) SCHEMATIC DIAGRAM

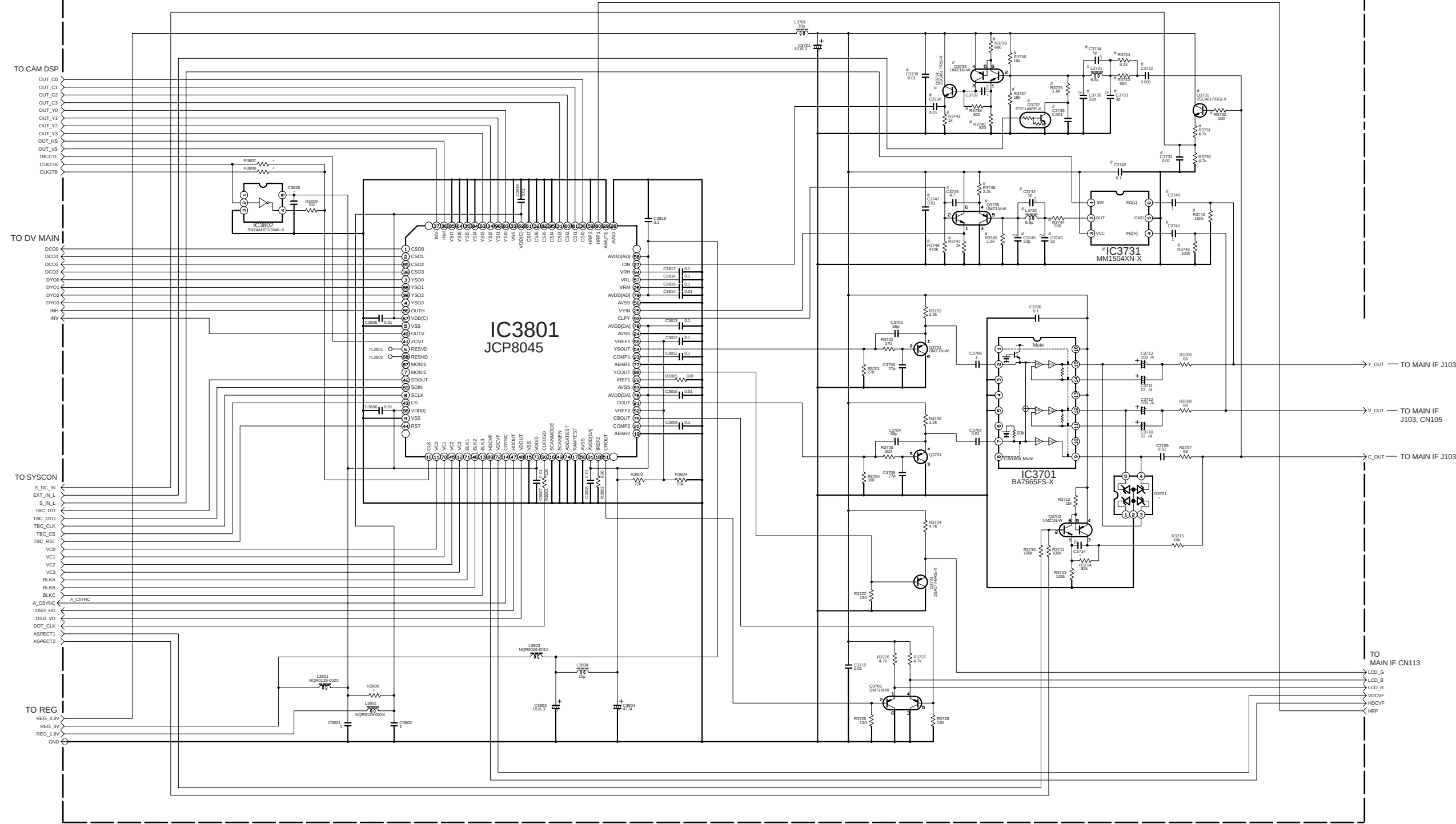


NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

T TANTAL
C CERAMIC

4.20 MAIN(VIDEO I/O) SCHEMATIC DIAGRAM [FOR MEGA PIXEL MODEL]

0 1 MAIN (VIDEO I/O)



NOTE : The parts with marked (*) is not used.

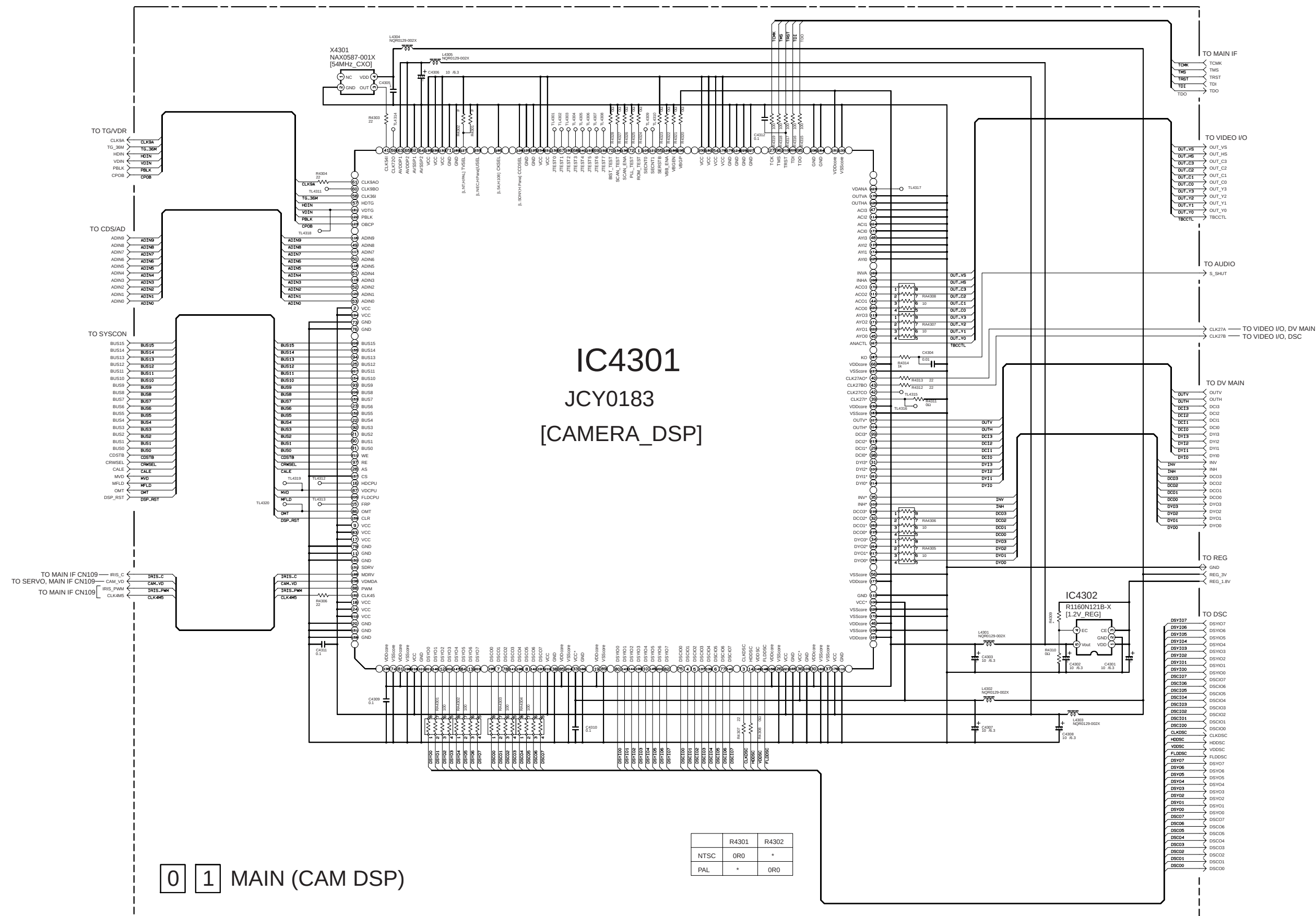
#: EXCHANGE PARTS LIST	WITH ANALOG INPUT	WITHOUT ANALOG INPUT
IC3731	WARE	NO WARE
Q3731-Q3735	WARE	NO WARE
L3731.L3732	WARE	NO WARE
R3731-R3748	WARE	NO WARE
C3731-C3747	WARE	NO WARE

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.
TANTAL
CERAMIC

LAST NO	VACANT NO
R	
C	
D	
Q	
L	

1

4.22 MAIN(CAM DSP) SCHEMATIC DIAGRAM [FOR MEGA PIXEL with DSC MODEL]



NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

	ELECTROLYTIC
	CERAMIC
	MYLAR
	NON POLAR

LAST NO	VACANT NO
R 4328	4305
C 4312	
RA 4308	
IC 4302	
L 4305	
X 4301	

5



3

2

1

	R4302	R4303
NTSC	0Ω	OPEN
PAL	OPEN	0Ω

	ELECTROLYTIC
	CERAMIC
	MYLER
	NON POLAR

y10377001a_rev0

4.24 MAIN(CAM DSP) SCHEMATIC DIAGRAM [FOR NON-MEGA PIXEL without DSC MODEL]

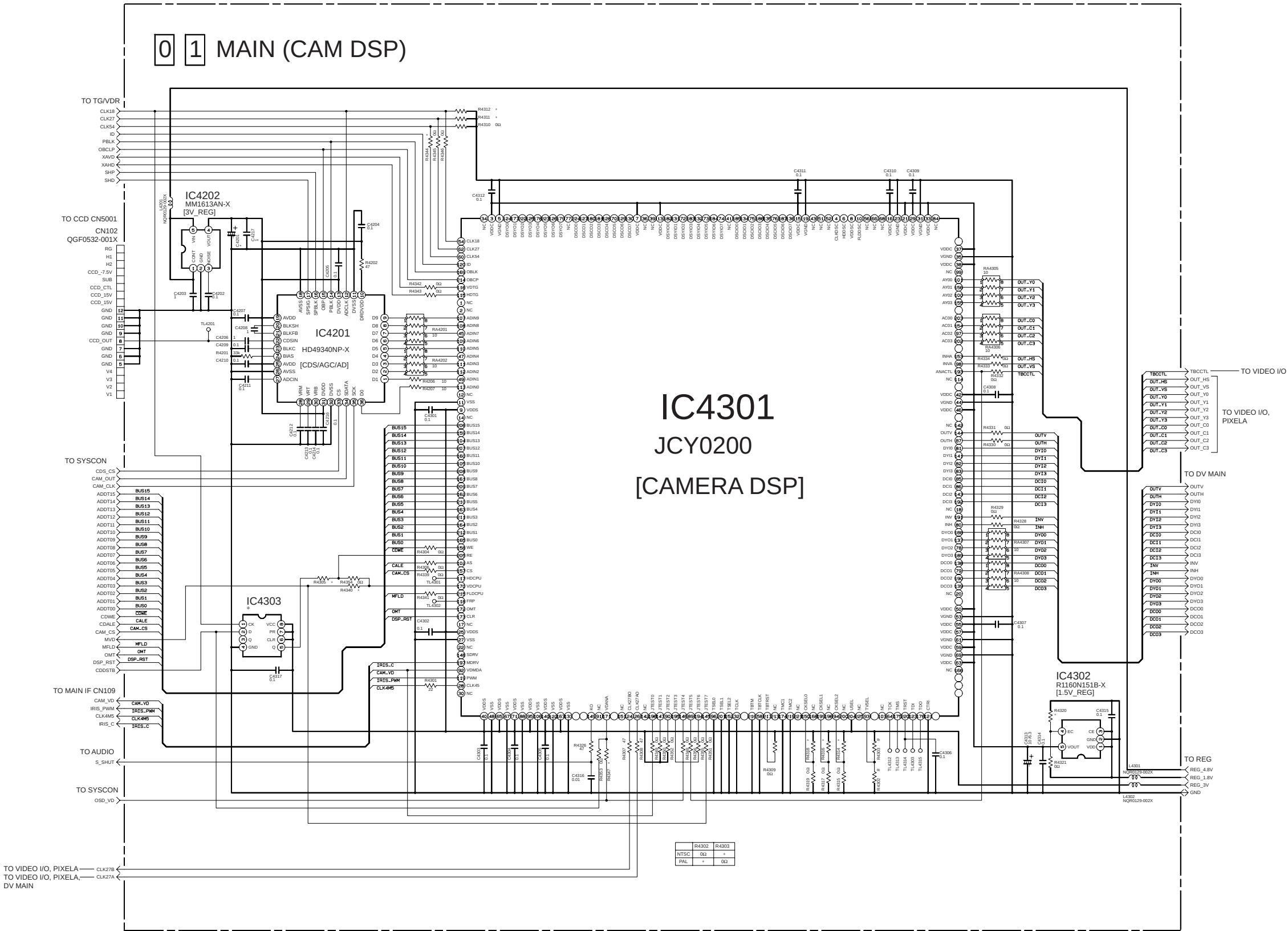
5

4

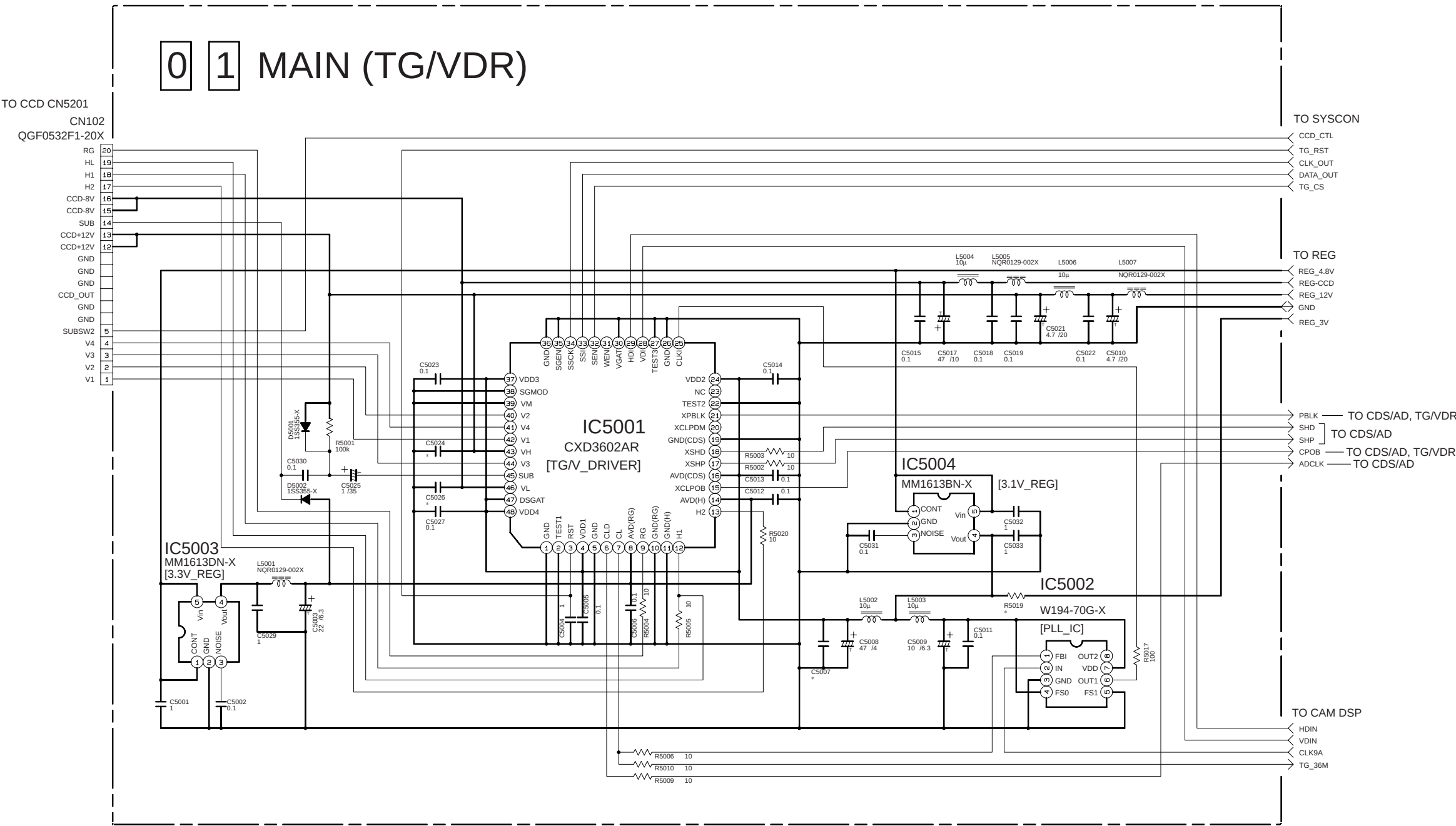
3

2

1



4.25 MAIN(TG/VDR) SCHEMATIC DIAGRAM [FOR MEGA PIXEL MODEL]

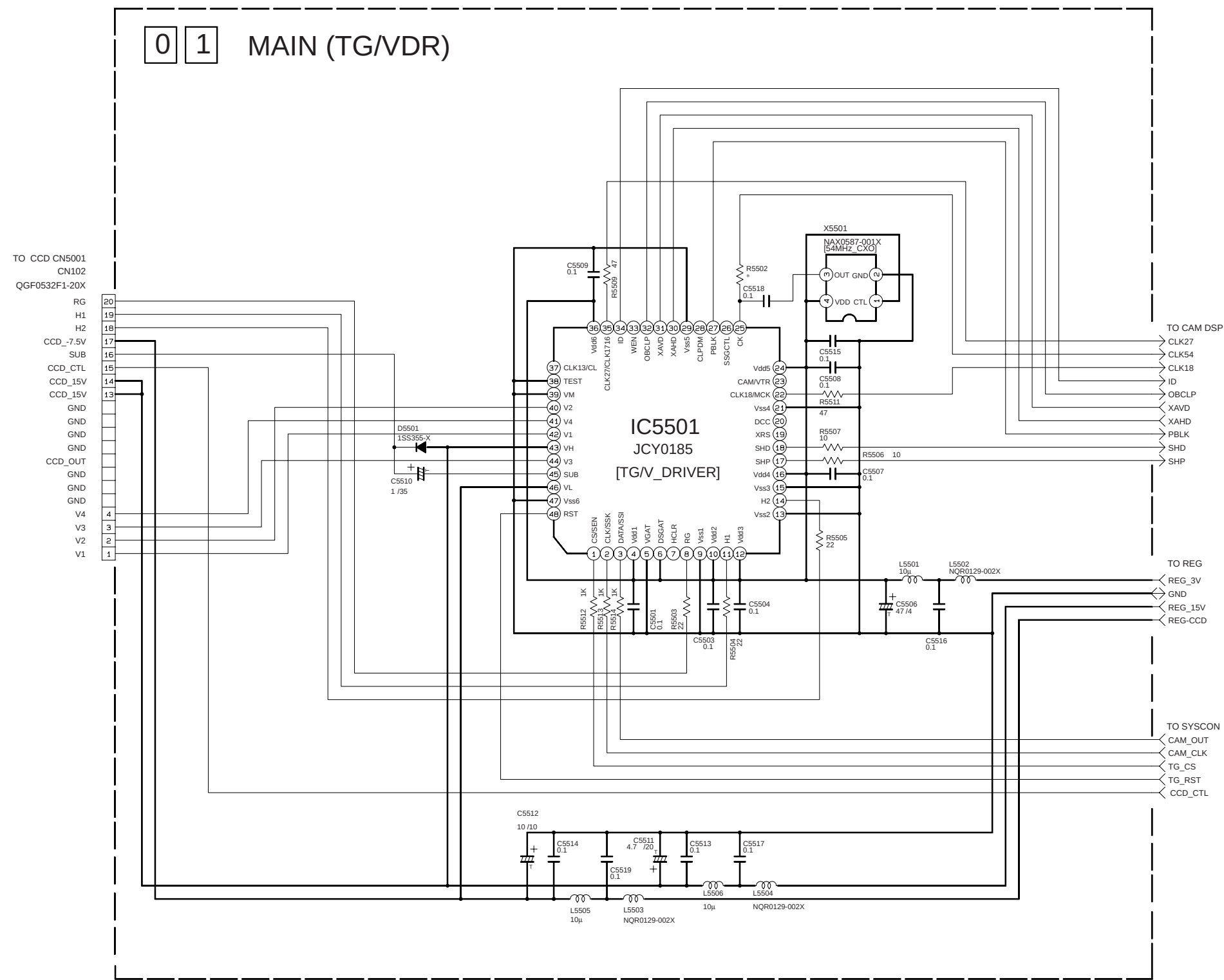


NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

⎓ ELECTROLYTIC
C CERAMIC
MY MYLER
N NON POLAR

LAST NO		VACANT NO		
R	5020	5007-5008	5011-5016	5018
C	5033	5016	5020	5028
D	5002			
IC	5004			
L	5007			

4.26 MAIN(TG/VDR) SCHEMATIC DIAGRAM [FOR NON-MEGA PIXEL MODEL]



NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

- ELECTROLYTIC
- CERAMIC
- MYLER
- NON POLAR

LAST NO	VACANT NO		
R 5514	5501	5508	5510
C 5519	5502	5505	
D 5501			
L 5506			
IC 5501			
X 5501			

5

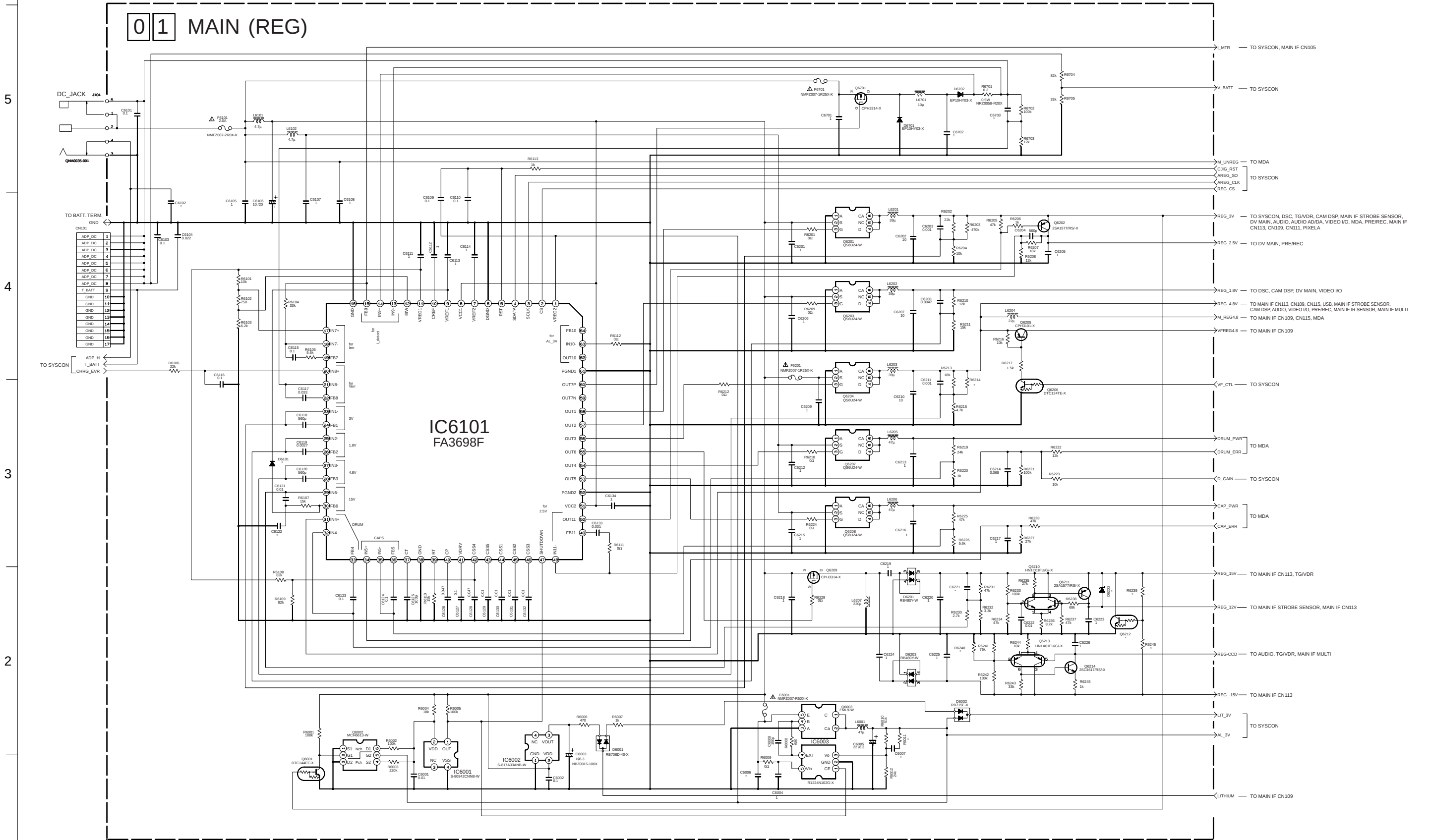


3

2

1

4.28 MAIN(REG) SCHEMATIC DIAGRAM [FOR NON-MEGA PIXEL MODEL]

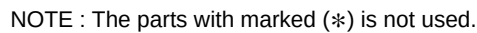


NOTES-UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

TANTAL
CERAMIC

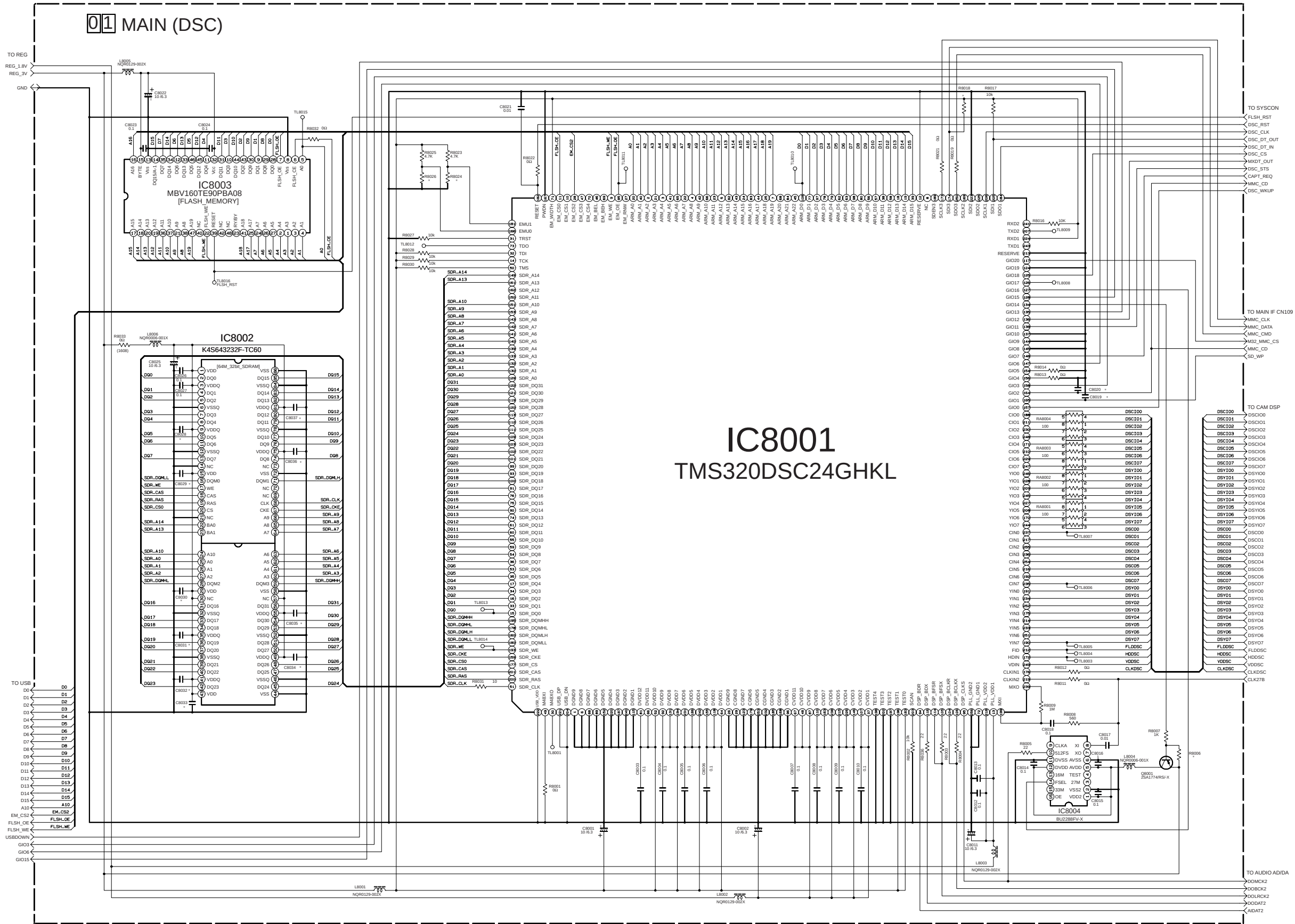
LAST NO	VACANT NO
R 6705	1-6000, 6013-6100, 6114-6200, 6247-6700
C 6705	1-6000, 6009-6100, 6139-6200, 6271-6700
D 6702	1-6000, 6003-6100, 6103-6200, 6204-6700
Q 6701	1-6000, 6004-6200, 6215-6700
L 6701	1-6000, 6002-6100, 6103-6200, 6206-6700

IC8001
TMS320DSC24GHKL



LAST NO	VACANT NO
R 8036	8010, 8015, 8020, 8034, 8035
C 8027	
Q 8001	
L 8006	
RA 8004	
IC 8004	

4.30 MAIN(DSC) SCHEMATIC DIAGRAM [FOR NON-MEGA PIXEL with DSC MODEL]

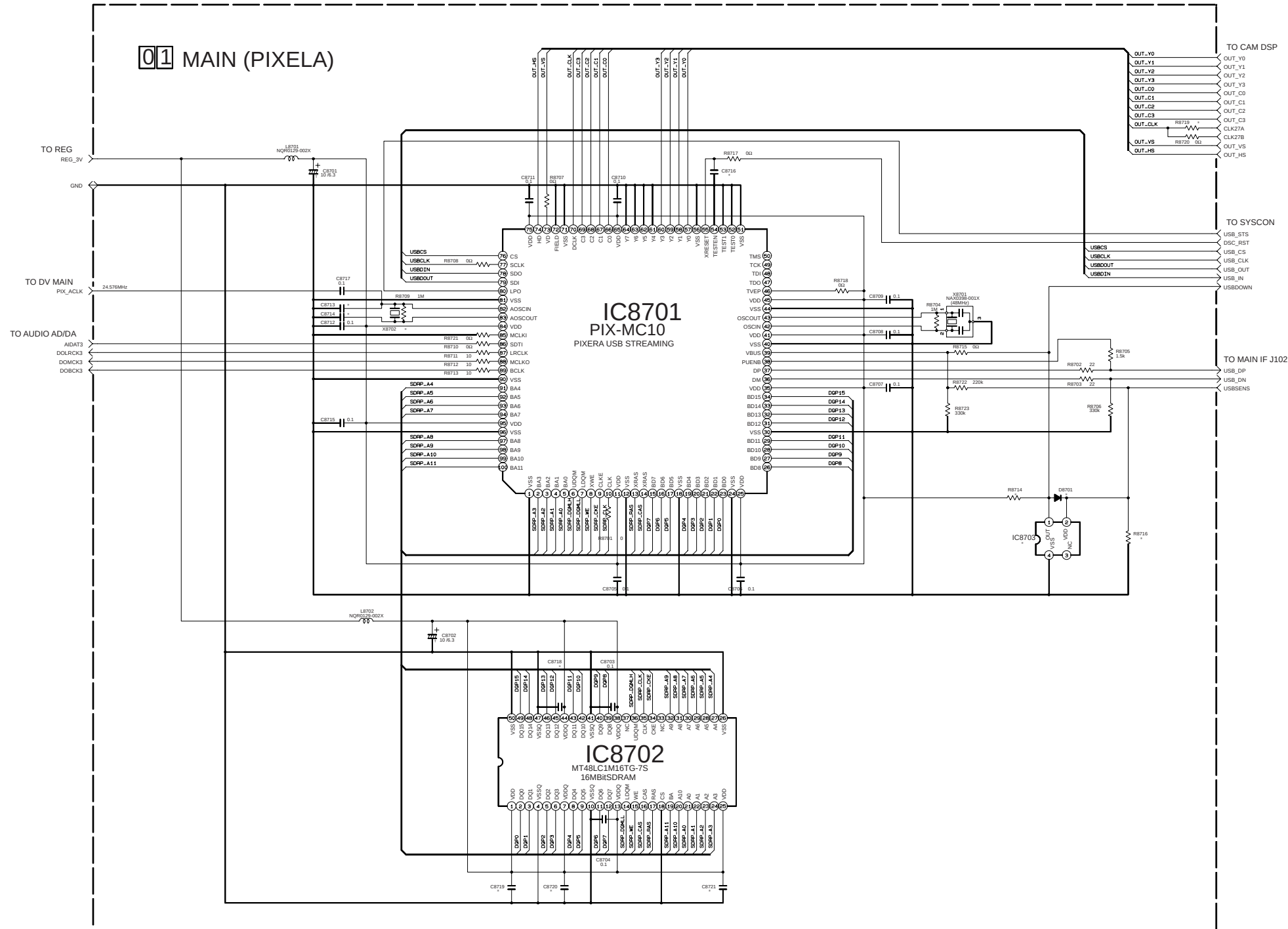


NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN P.F.

TANTAL
CERAMIC

LAST NO	VACANT NO
R 8036	8010, 8015, 8020, 8034, 8035
C 8037	
Q 8041	
L 8006	
RA 8004	
IC 8004	

4.31 MAIN(PIXELA) SCHEMATIC DIAGRAM [FOR NON-MEGA PIXEL without DSC MODEL]

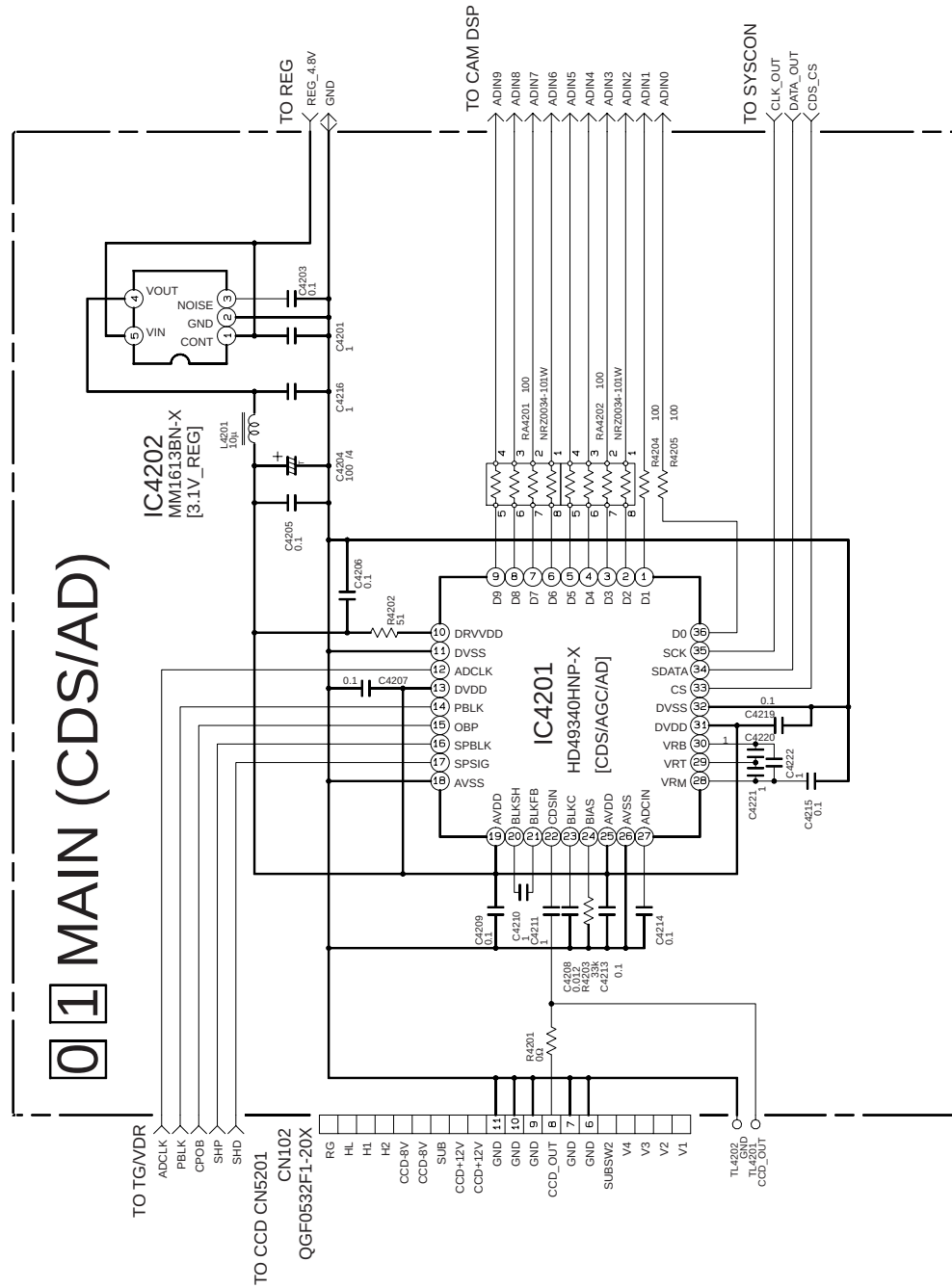


NOTE : The parts with marked (*) is not used.

NOTES: UNLESS OTHERWISE SPECIFIED,
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN µF.
TANTAL
CERAMIC
NO WEAR

LAST NO.	VACANT NO.
R 8723	
C 8723	
D 8703	
L 8702	
X 8702	
IC 8703	

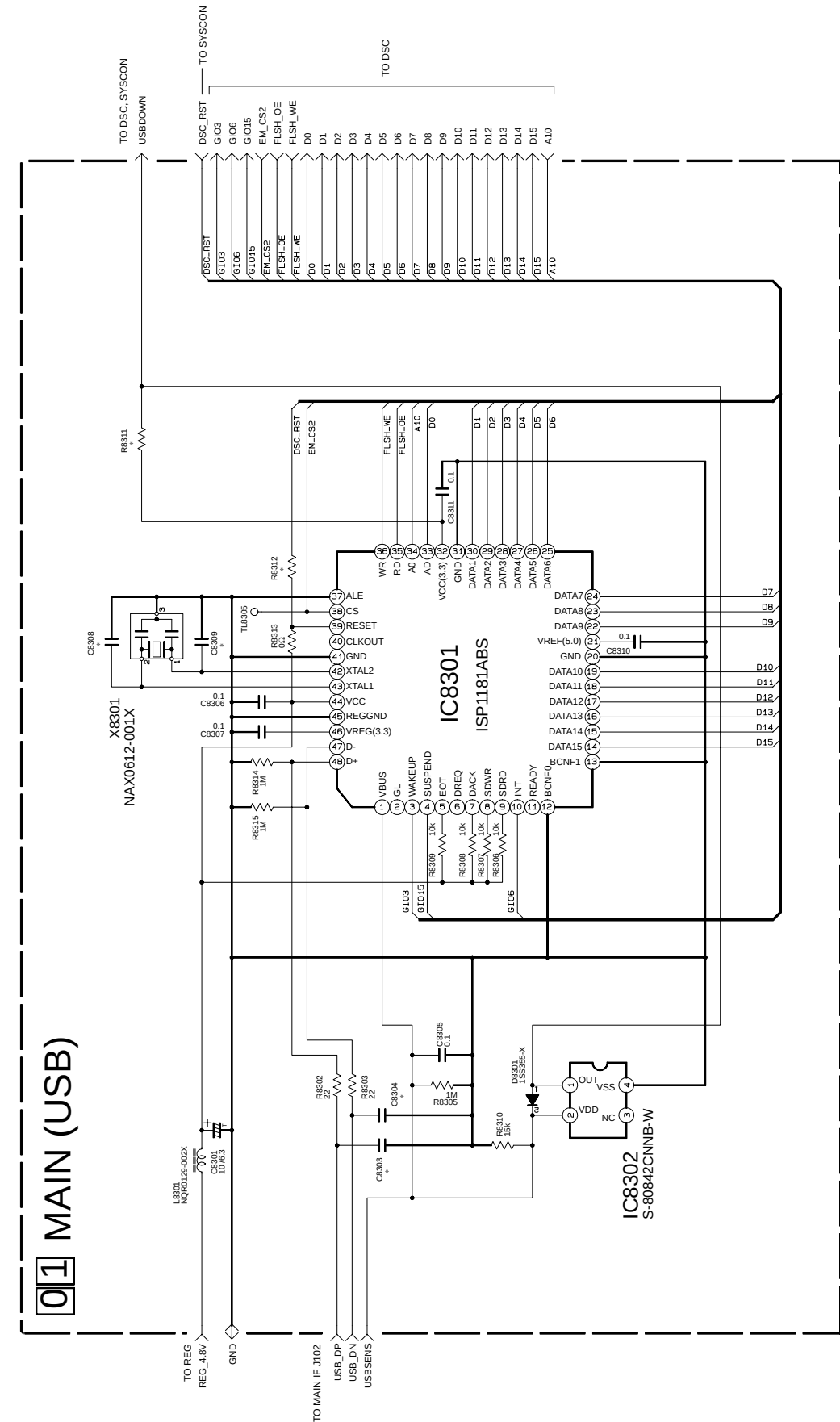
4.32 MAIN(CDS/AD) SCHEMATIC DIAGRAM [FOR MEGA PIXEL MODEL]



LAST NO	VACANT NO			
R 4205				
C 4222	4202	4212	4217	4218
L 4201				
IC 4202				
RA 4202				
TL 4202				

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

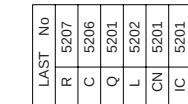
4.33 MAIN(USB) SCHEMATIC DIAGRAM [FOR USB MODEL]



NOTE : The parts with marked (*) is not used.

[FOR MEGA PIXEL]

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

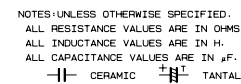


NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.



	LAST No	VACANT No
R	5006	5003 5004
C	5007	
L	5002	
Q	5002	
CN	5001	

[FOR MEGA PIXEL]



Symbol No.		8501-8600
LAST NO		VACANT NO
R	8509	
C	8503	
D	8502	
L	8501	

NOTE : The parts with marked (*) is not used.

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

 CERAMIC  TANTALUM

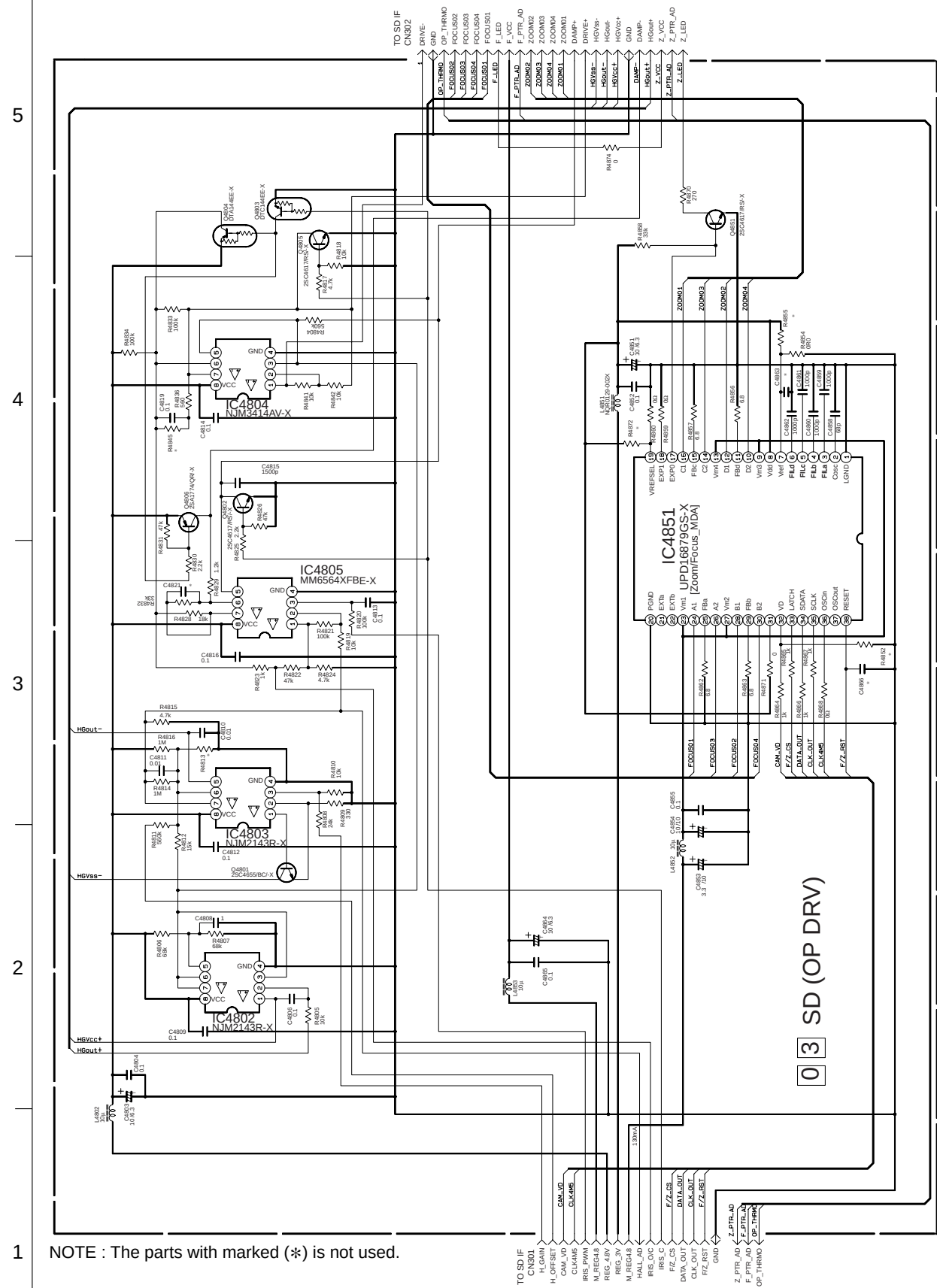
Symbol No.		8501~8600
LAST NO		VACANT NO
R	8508	
C	8503	
D	8502	
L	8501	

EXCHANGE PARTS LIST

[illegible]

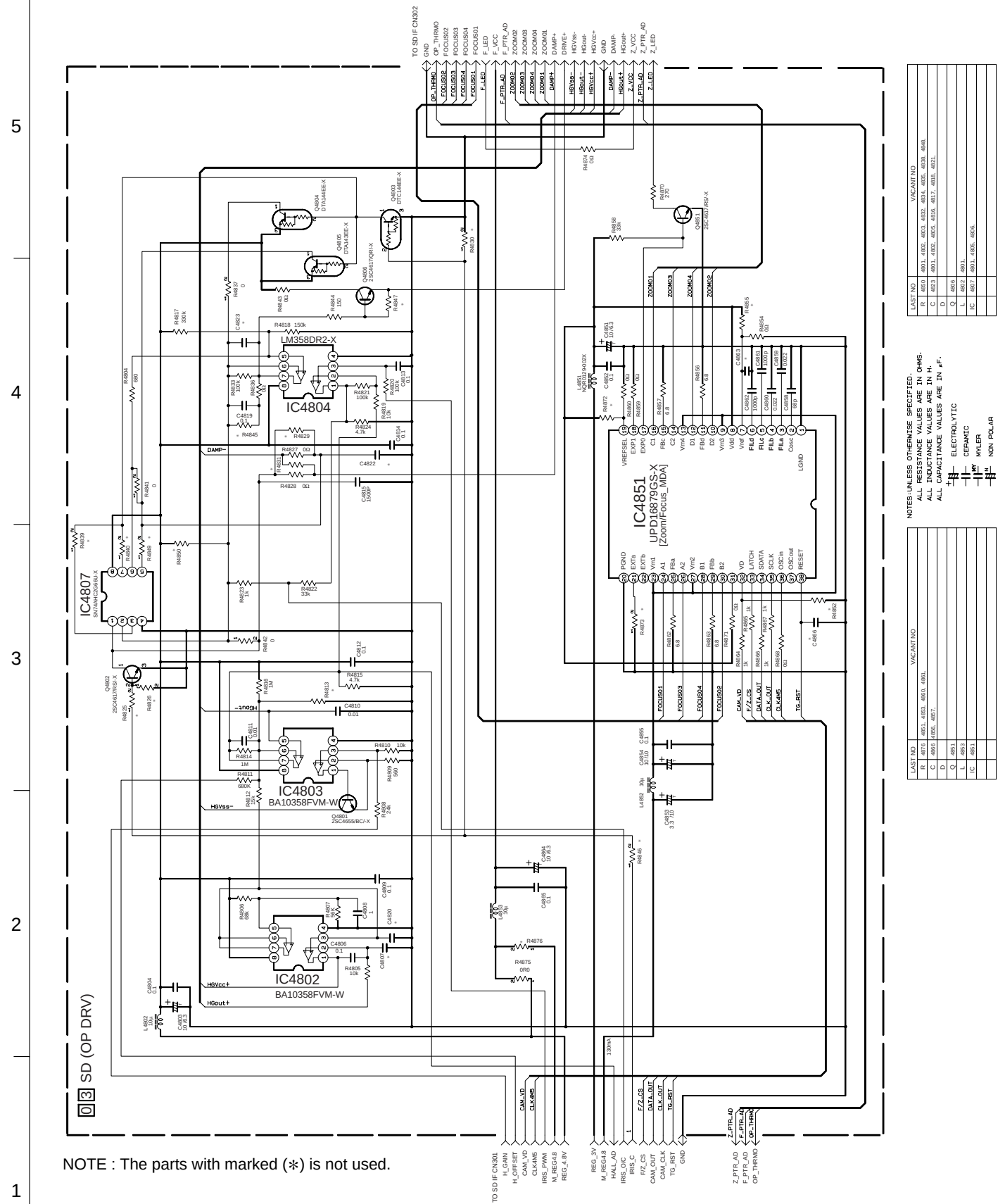
y30242001a_rev0

4.36 SD(OP DRV) SCHEMATIC DIAGRAM [FOR MEGA PIXEL MODEL]



y20278001a_rev0

4.37 SD(OP DRV) SCHEMATIC DIAGRAM [FOR NON-MEGA PIXEL MODEL]



NOTE : The parts with marked (*) is not used.

y20277001a_rev0

5



3

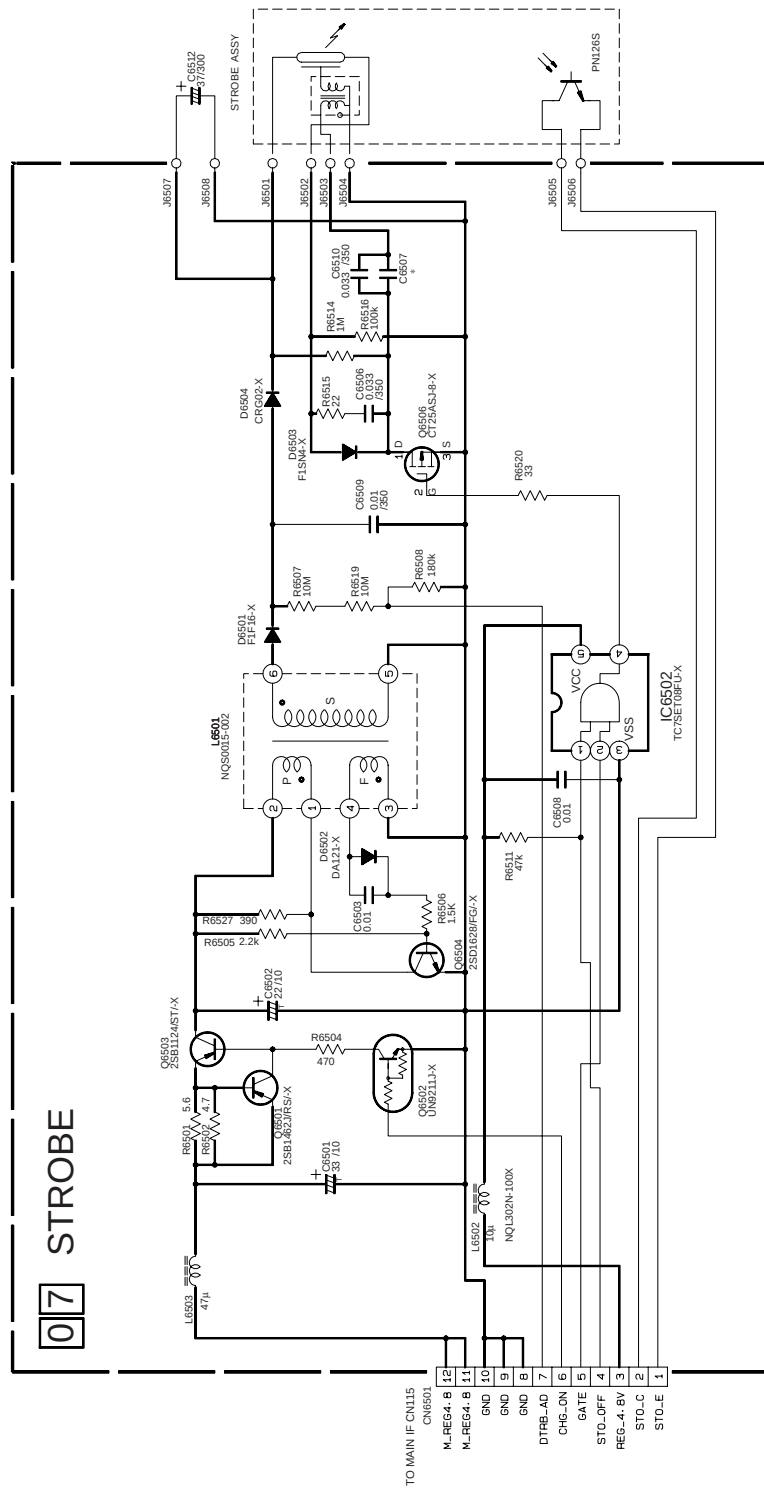
2

1

2

5

4.41 STROBE SCHEMATIC DIAGRAM [FOR STROBE MODEL]



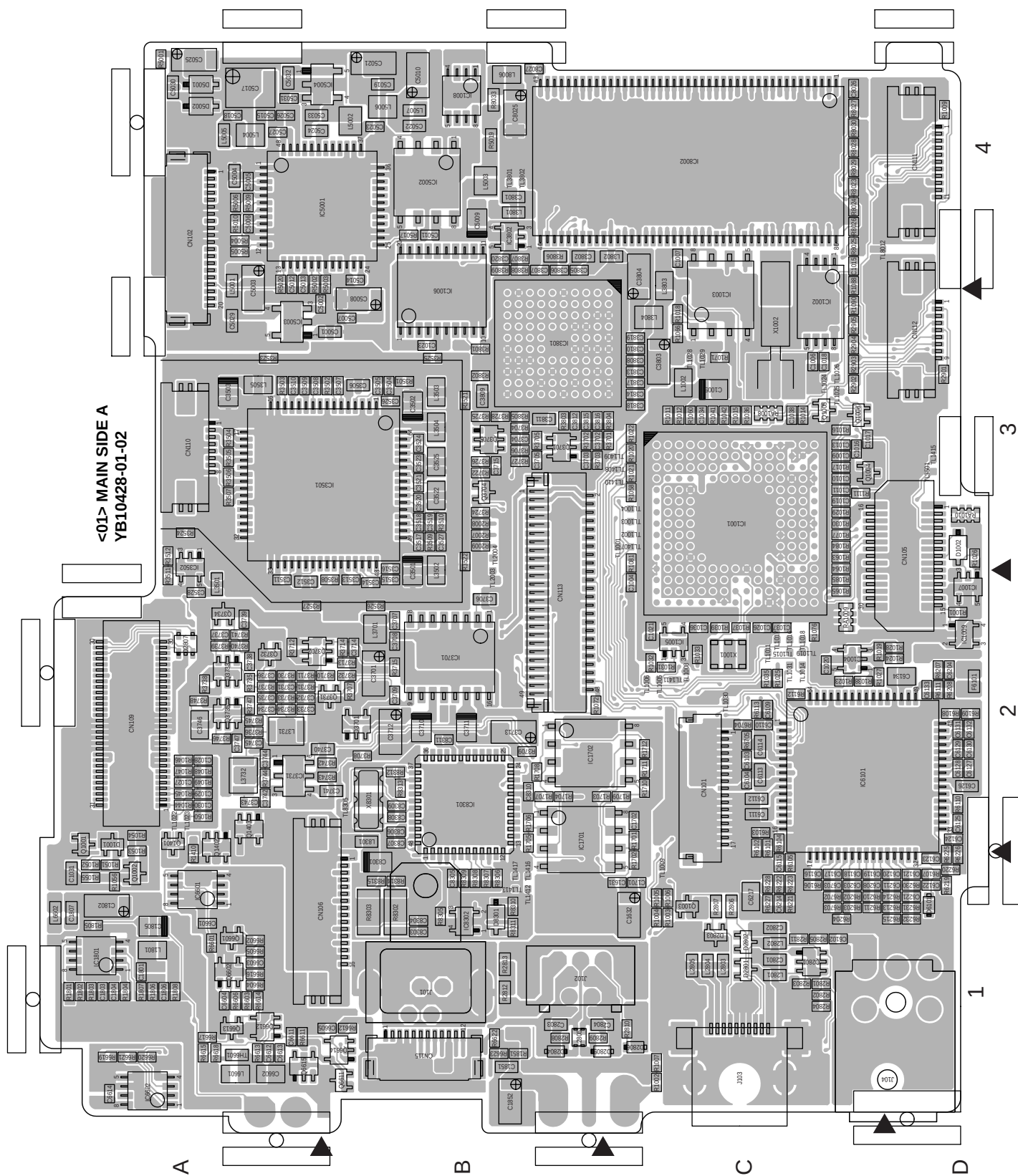
NOTE : The parts with marked (*) is not used.

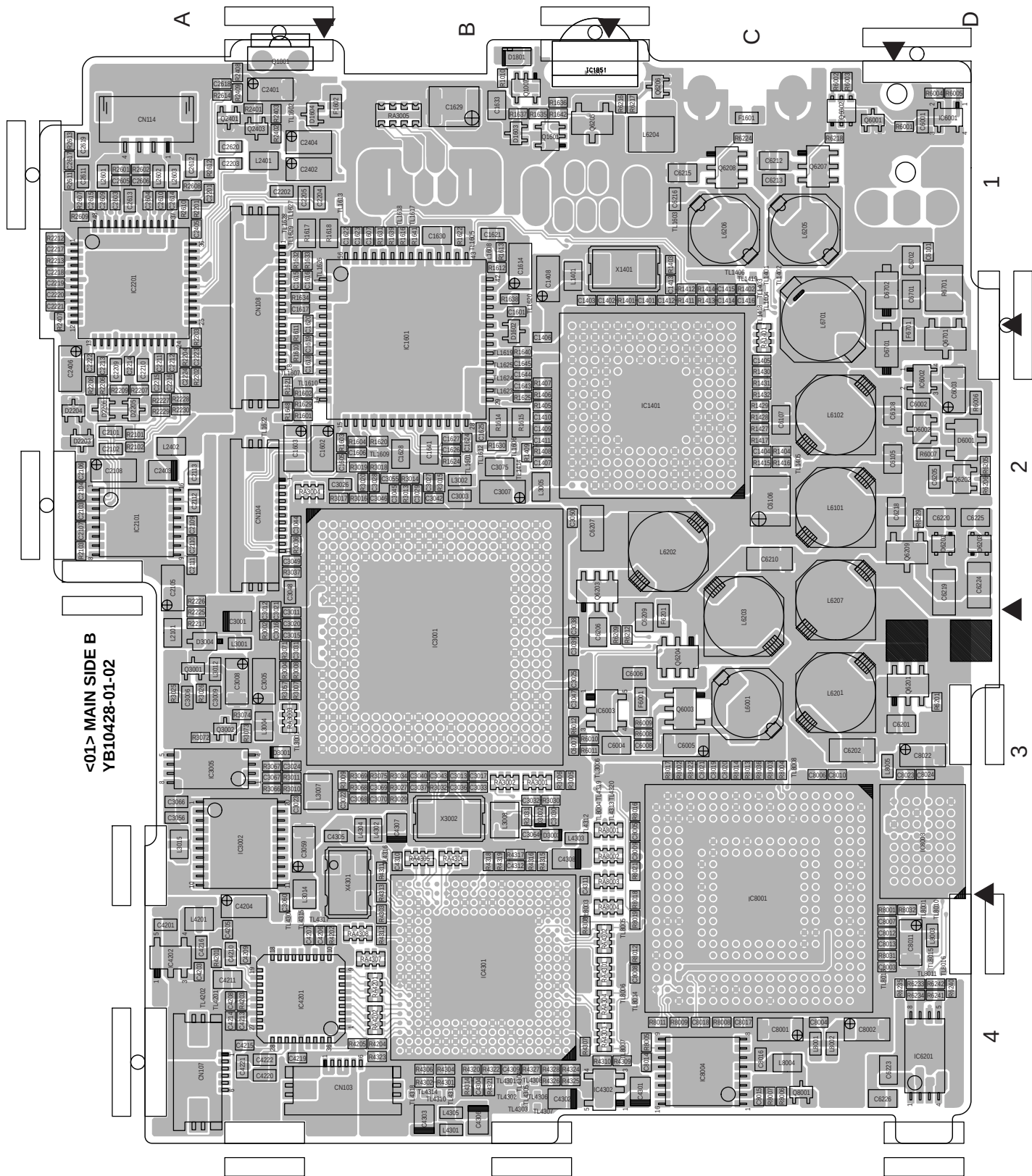
NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

	ELECTROLYTIC
	CERAMIC
	TANTAL

y30245001a_rev0

4.42 MAIN CIRCUIT BOARD [FOR MEGA PIXEL with DSC MODEL]

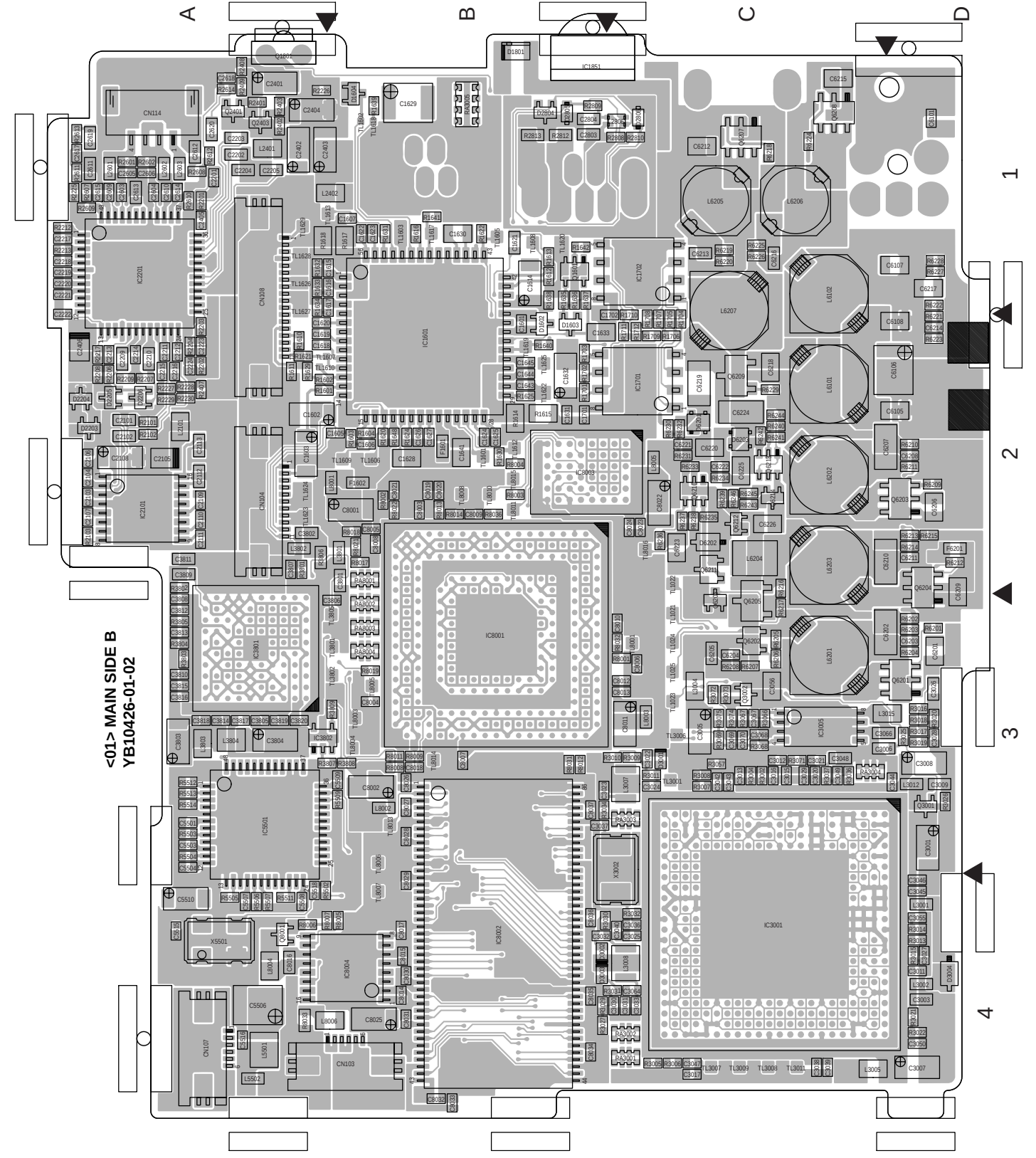
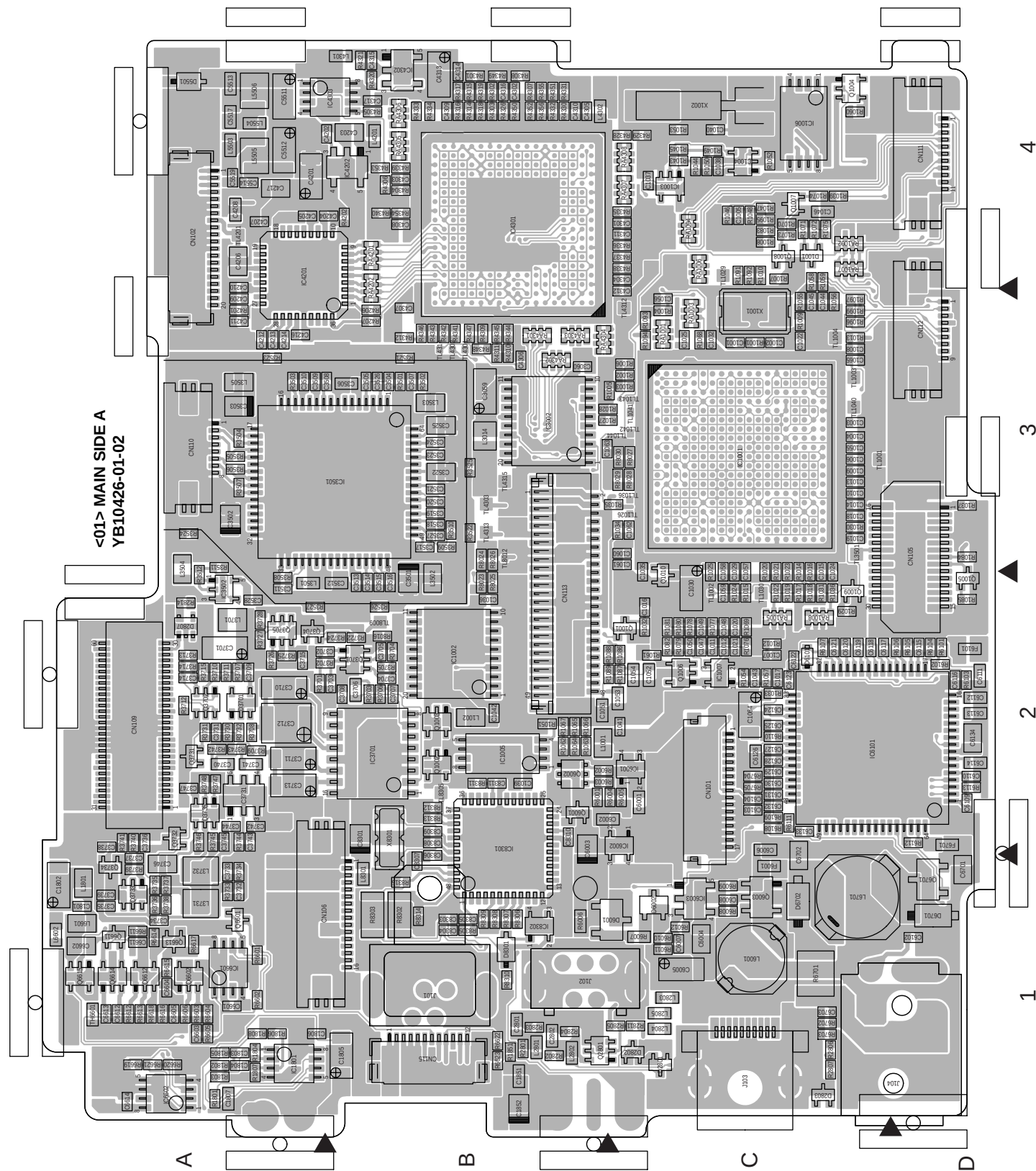




COMPONENT PARTS LOCATION GUIDE <MAIN> YB10428-01-02

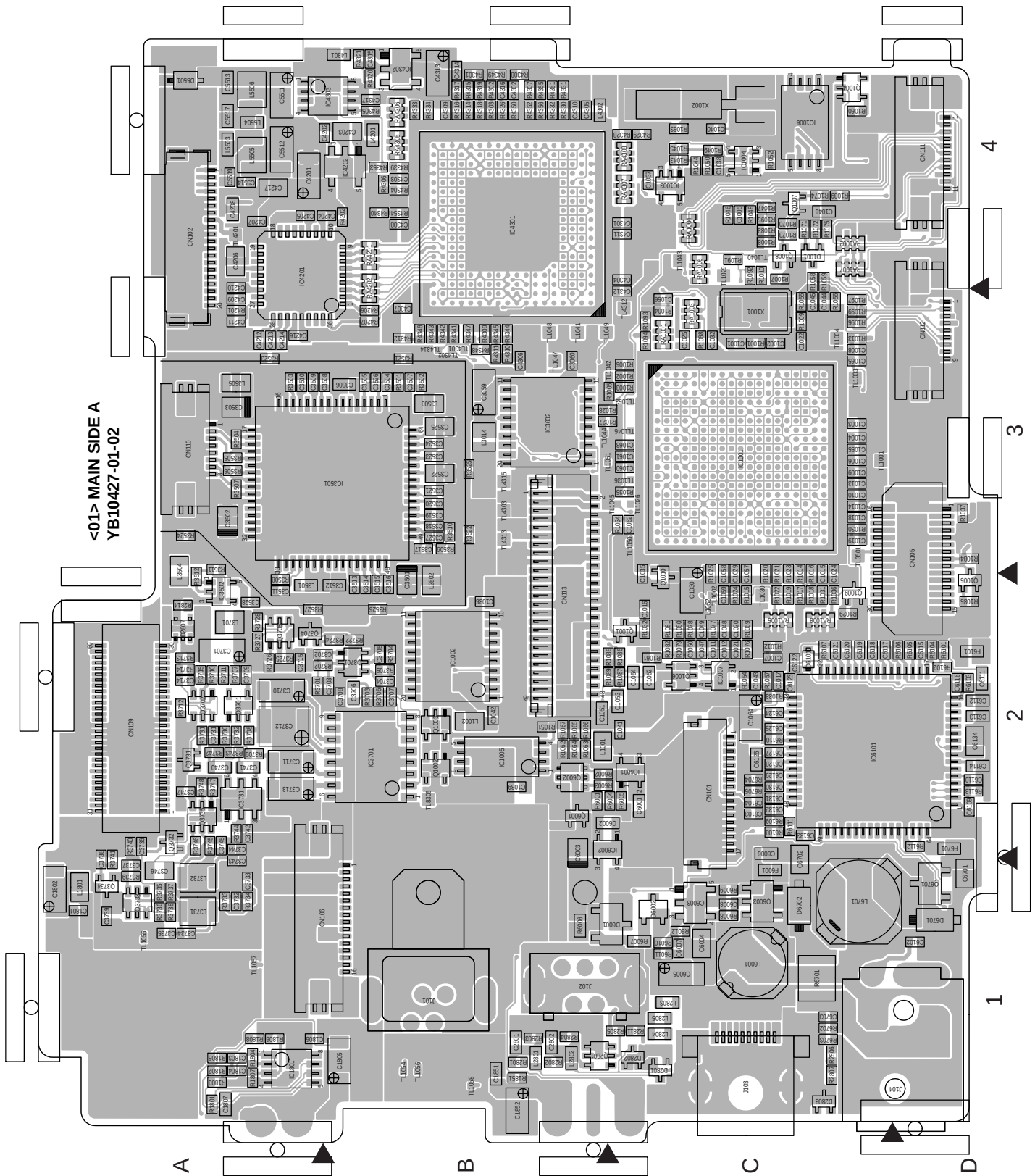
REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
CAPACITOR																							
C1004	A C 2C	C2403	B C 2A	C3733	A C 2A	C6118	A C 1C	D2801	A C 1C	L4303	B C 3B	R1045	A C 2A	R2213	B C 1A	R3731	A C 2A	R6226	A C 1D	TL1019	A C 2C		
C1005	A C 3C	C2404	B C 1A	C3734	A C 2A	C6119	A C 1C	D2802	A C 1C	L4304	B C 3B	R1046	A C 2A	R2217	B C 3A	R3732	A C 2B	R6227	A C 1C	TL1022	A C 2A		
C1006	A C 3C	C2405	B C 1A	C3735	A C 2A	C6120	A C 1D	D2803	A C 1C	L4305	B C 3B	R1047	A C 2A	R2225	B C 3A	R3733	A C 2A	R6228	A C 1C	TL1023	A C 2A		
C1007	A C 4C	C2406	B C 2A	C3736	A C 2A	C6121	A C 1D	D2804	A C 1B	L5001	A C 4A	R1048	A C 2A	R2226	B C 2A	R3734	A C 2A	R6229	B C 2D	TL1024	A C 3C		
C1009	A C 4C	C2603	B C 1A	C3737	A C 2A	C6122	A C 1D	D2805	A C 1B	L5002	A C 4B	R1049	A C 2A	R2227	B C 2A	R3735	A C 2A	R6230	A C 1D	TL1025	A C 3C		
C1009	A C 3C	C2604	B C 1A	C3738	A C 2A	C6123	A C 1D	D2806	A C 1C	L5003	A C 4B	R1050	A C 2A	R2228	B C 2A	R3736	A C 2A	R6231	A C 1D	TL1026	A C 3C		
C1010	A C 3C	C2605	B C 1A	C3739	A C 2A	C6124	A C 2D	D2807	A C 2A	L5004	A C 4A	R1051	A C 1A	R2229	B C 2A	R3737	A C 2A	R6232	A C 1D	TL1028	A C 3C		
C1011	A C 3C	C2606	B C 1A	C3740	A C 2B	C6125	A C 2D	D2808	A C 2B	L5005	A C 4A	R1052	A C 1A	R2230	B C 2A	R3738	A C 2A	R6233	B C 4D	TL1029	A C 1B		
C1013	A C 3C	C2609	B C 1A	C3741	A C 2B	C6126	A C 2D	D3002	B C 3B	L5006	A C 4B	R1053	A C 2A	R2401	B C 1A	R3739	A C 2A	R6234	B C 4D	TL1030	A C 2C		
C1015	A C 4C	C2610	B C 1A	C3742	A C 2A	C6127	A C 2D	D3003	B C 3B	L5007	A C 4B	R1054	A C 2A	R2402	B C 1A	R3740	A C 2A	R6235	B C 4D	TL1031	A C 2C		
C1016	A C 3C	C2611	B C 1A	C3743	A C 2A	C6128	A C 2D	D3004	B C 3A	L6001	B C 3C	R1055	A C 1A	R2403	B C 1A	R3741	A C 2A	R6240	B C 4D	TL1401	B C 1C		
C1017	A C 3C	C2612	B C 1A	C3744	A C 2A	C6129	A C 2D	D3701	A C 2B	L6101	B C 2C	R1056	A C 1A	R2407	B C 1A	R3742	A C 2B	R6241	B C 4D	TL1402	B C 1C		
C1018	A C 3C	C2613	B C 1A	C3745	A C 2A	C6130	A C 2D	D5001	A C 4A	L6102	B C 2C	R1058	A C 3C	R2408	B C 1A	R3743	A C 2B	R6242	B C 4D	TL1403	B C 1C		
C1019	A C 3C	C2614	B C 1A	C3746	A C 2A	C6131	A C 2D	D5002	A C 4A	L6201	B C 3C	R1060	A C 3C	R2409	B C 1A	R3744	A C 2A	R6601	A C 1A	TL1404	B C 1C		
C1020	A C 2C	C2615	B C 1A	C3747	A C 2A	C6132	A C 2D	D6001	B C 2D	L6202	B C 2C	R1063	A C 3C	R2601	B C 1A	R3745	A C 2A	R6602	A C 1A	TL1405	B C 2C		
C1021	A C 2C	C2617	B C 1A	C3801	A C 4B	C6133	A C 2D	D6002	B C 2D	L6203	B C 3C	R1064	A C 3C	R2602	B C 1A	R3746	A C 2A	R6603	A C 1A	TL1406	B C 1C		
C1023	A C 3B	C2618	B C 1A	C3802	A C 4B	C6134	A C 2D	D6101	A C 1D	L6204	B C 3C	R1065	A C 2C	R2607	B C 1A	R3747	A C 2A	R6604	A C 1A	TL1407	A C 3C		
C1026	A C 2C	C2619	B C 1A	C3803	A C 3C	C6201	B C 3C	D6201	B C 2D	L6205	B C 1C	R1066	A C 3C	R2608	B C 1A	R3748	A C 2A	R6605	A C 1A	TL1408	A C 3C		
C1027	A C 2A	C2620	B C 1A	C3804	A C 4C	C6202	B C 3C	D6203	B C 2D	L6206	B C 1C	R1071	A C 3C	R2609	B C 1A	R3801	A C 3B	R6606	A C 1A	TL1409	A C 3C		
C1028	A C 2A	C2801	A C 1C	C3805	A C 4B	C6203	A C 1C	D6701	B C 2C	L6207	B C 2C	R1072	A C 2B	R2610	B C 1A	R3802	A C 3B	R6611	A C 1A	TL1410	A C 3C		
C1029	A C 2A	C2802	A C 1C	C3806	A C 4B	C6204	A C 2D	D6702	B C 1C	L6601	A C 1A	R1076	A C 2C	R2611	B C 1A	R3803	A C 3B	R6612	A C 1B	TL1411	A C 2C		
C1030	A C 2A	C2803	A C 1B	C3807	A C 4B	C6205	B C 2D	D6703	A C 1B	L6701	B C 1C	R1081	A C 3C	R2612	B C 1A	R3804	A C 3C	R6613	A C 1A	TL1412	A C 1B		
C1031	A C 1A	C2804	A C 1B	C3808	A C 3C	C6206	B C 3B			L8001	B C 4C	R1084	A C 3C	R2613	B C 1A	R3805	A C 3B	R6614	A C 1A	TL1413	A C 1B		
C1034	A C 3C	C3001	B C 3A	C3809	A C 3B	C6207	B C 2B			R1001	B C 4C	R1084	A C 3C	R2614	B C 1A	R3806	A C 3B	R6615	A C 1A	TL1414	B C 2B		
C1036	A C 2C	C3003	B C 2B	C3810	A C 3C	C6208	A C 1C	F1601	B C 1C	R1002	B C 4C	R1085	A C 2C	R2801	A C 1C	R3807	A C 4B	R6616	A C 1A	TL1415	A C 3D		
C1037	A C 2C	C3005	B C 3A	C3811	A C 3B	C6209	B C 3C	F1602	B C 1B	R1003	B C 4D	R1088	A C 4C	R2802	A C 1C	R3808	A C 4B	R6617	A C 1A	TL1416	A C 1B		
C1038	A C 3C	C3006	B C 3A	C3812	A C 3B	C6210	B C 2C	F6001	B C 3C	R1004	B C 4C	R1090	A C 3C	R2803	A C 1C	R3809	A C 4B	R6618	A C 1A	TL1417	A C 1B		
C1401	B C 1C	C3007	B C 2B	C3813	A C 3C	C6211	A C 1D	F6101	A C 2D	R1005	B C 3C	R1111	A C 3C	R2804	A C 1C	R4201	B C 4A	R6619	A C 1A	TL1418	B C 1C		
C1402	B C 1B	C3008	B C 3A	C3814	A C 3C	C6212	B C 1C	F6201	B C 3C	R1006	A C 4B	R1401	B C 1C	R2805	A C 1C	R4202	B C 4B	R6620	A C 1A	TL1419	B C 1C		
C1403	B C 1B	C3009	B C 3A	C3815	A C 3B	C6213	B C 1C	F6701	B C 2D	R1402	B C 1C	R1403	B C 1C	R2806	A C 1C	R4203	B C 4A	R6621	A C 1A	TL1601	B C 2B		
C1404	B C 2C	C3011	B C 3A	C3816	A C 3B	C6214	A C 1C			R1403	B C 1C	R1404	B C 1C	R2807	A C 1C	R4204	B C 4B	R6622	A C 1B	TL1602	B C 1A		
C1405	B C 2C	C3012	B C 3A	C3817	A C 3C	C6215	B C 1C	IC	IC1001	A C 3C	TRANSISTOR	T1001	A C 2A	R2808	A C 1B	R4205	B C 4B	R6623	A C 1B	TL1603	B C 1C		
C1406	B C 2B	C3013	B C 3B	C3818	A C 3C	C6216	B C 1C	IC1002	A C 3C	IC1002	A C 3C	T1002	A C 1A	R2809	A C 1B	R4301	B C 4B	R6624	A C 1B	TL1604	B C 1B		
C1407	B C 2B	C3015	B C 3A	C3819	A C 3C	C6217	A C 1C	IC1003	A C 3C	IC1003	A C 3C	T1003	A C 1A	R2810	A C 1C	R4302	B C 4B	R6625	A C 1C	TL1605	B C 2B		
C1408	B C 1B	C3016	B C 3A	C3820	A C 4B	C6218	B C 1C	IC1004	A C 2C	IC1004	A C 2C	T1004	A C 1A	R2811	A C 1C	R4303	B C 4B	R6626	A C 1C	TL1607	B C 2A		
C1409	B C 2B	C3017	B C 3A	C4201	B C 4A	C6219	B C 2D	IC1005	A C 2C	IC1005	A C 2C	T1005	A C 1A	R2812	A C 1B	R4304	B C 4B	R6627	A C 1C	TL1608	B C 1B		
C1410	B C 2B	C3020	B C 3A	C4202	B C 4A	C6220	B C 2D	IC1006	A C 3C	IC1006	A C 3C	T1006	A C 1A	R2813	A C 1B	R4305	B C 4B	R6628	A C 1C	TL1609	B C 2B		
C1411	B C 2B	C3021	B C 3A	C4203	B C 4A	C6221	A C 1D	IC1007	A C 3B	IC1007	A C 3B	T1007	A C 1A	R2814	A C 1C	R4306	B C 4B	R6629	A C 1C	TL1610	B C 2B		
C1412	B C 1C	C3022	B C 3A	C4204	B C 4A	C6222	B C 4C	IC1008	A C 4B	IC1008	A C 4B	T1008	A C 1A	R2815	A C 1C	R4307	B C 4B	R6630	A C 1C	TL1611	B C 2B		
C1413	B C 1C	C3023	B C 3A	C4205	B C 4A	C6223	B C 4C	IC1009	A C 2D	IC1009	A C 2D	T1009	A C 1A	R2816	A C 1C	R4308	B C 4B	R6631	A C 1C	TL1612	B C 1B		
C1414	B C 1C	C3024	B C 3A	C4206	B C 4A	C6224	B C 4C	IC1401	B C 2D	IC1401	B C 2D	T1401	A C 2A	R2817	A C 1C	R4309	B C 4B	R6632	A C 1C	TL1613	B C 1B		
C1415	B C 1C	C3025	B C 3A	C4207	B C 4A	C6225	B C 4C	IC1601	B C 2B	IC1601	B C 2B	T1601	A C 1A	R2818	A C 1C	R4310	B C 4B	R6633	A C 1C	TL1614	B C 1B		
C1416	B C 1C	C3026	B C 2B	C4208	B C 4A	C6601	A C 1A	IC1701	A C 2B	IC1701	A C 2B	T1701	A C 1A	R2819	A C 1C	R4311	B C 4B	R6634	A C 1C	TL1615	B C 2B		
C1601	B C 1B	C3027	B C 2B	C4210	B C 4A	C6602	A C 1A	IC1702	A C 2B	IC1702	A C 2B	T1702	A C 1A	R2820	A C 1C	R4312	B C 4B	R6635	A C 1C	TL1616	B C 2B		
C1602	B C 2A	C3028	B C 2B	C4211	B C 4A	C6603	A C 1A	IC1801	A C 1A	IC1801	A C 1A	T1801	A C 1A	R2821	A C 1C	R4313	B C 4B	R6636	A C 1C	TL1617	B C 2B		
C1603	B C 2A	C3029	B C 2B	C4212	B C 4A	C6604	A C 1A	IC1851	A C 1B	IC1851	A C 1B	T1851	A C 1A	R2822	A C 1C	R4314	B C 4B	R6637	A C 1C	TL1618	B C 2B		
C1605	B C 2B	C3030	B C 3B	C4213	B C 4A	C6605	A C 1B	IC2101	A C 2A	IC2101	A C 2A	T2101	A C 1A	R2823	A C 1C	R4315	B C 4B	R6638	A C 1C	TL1619	B C 2B		
C1606	B C 2B	C3031	B C 3A	C4214	B C 4A	C6606	A C 1B	IC															

4.43 MAIN CIRCUIT BOARD [FOR NON-MEGA PIXEL with DSC MODEL]

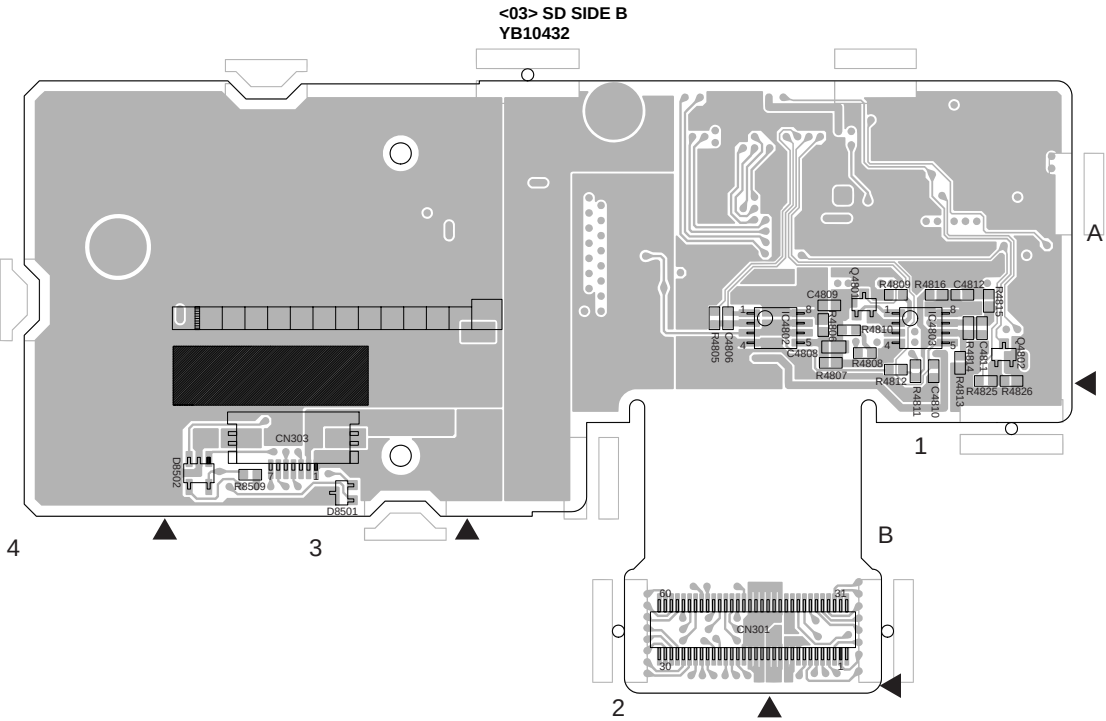
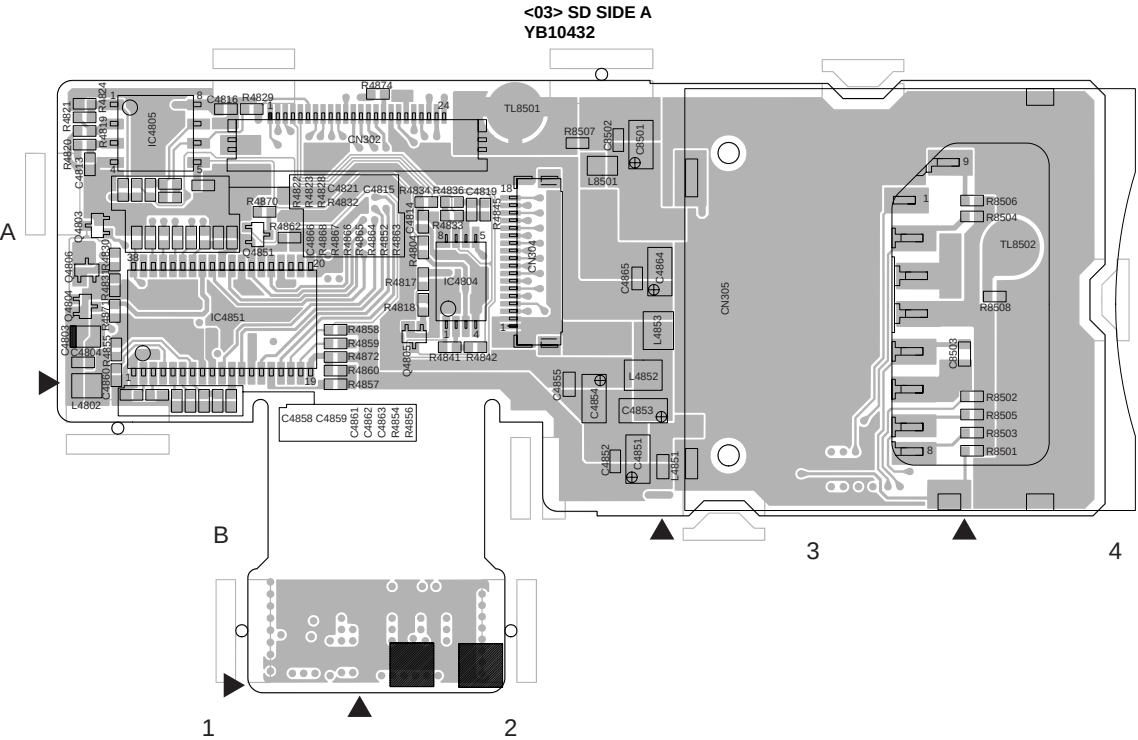


REF.NO. LOCATION			REF.NO. LOCATION			REF.NO. LOCATION			REF.NO. LOCATION			REF.NO. LOCATION			REF.NO. LOCATION			REF.NO. LOCATION			REF.NO. LOCATION																						
CAPACITOR			C2211			C3703			C6113			C1121			L3731			R1032			R2202			R3724			R6111			RA1004													
C1001	A	C	3C	C2212	B	C	2A	C3704	A	C	2B	C6114	A	C	2D	C1123	A	C	3D	L3732	A	C	1A	R1033	A	C	2C	R2203	B	C	2A	R3725	A	C	2B	R6112	A	C	2D	RA1005	A	C	2C
C1002	A	C	3C	C2213	B	C	2A	C3705	A	C	2B	C6115	A	C	2D	C1124	B	C	1A	L3801	B	C	2B	R1034	A	C	3C	R2204	B	C	2A	R3726	A	C	2A	R6113	A	C	2D	RA1006	A	C	4C
C1003	A	C	3C	C2214	B	C	2A	C3706	A	C	2B	C6116	A	C	2D	C1125	A	C	1B	L3802	B	C	2A	R1035	A	C	3C	R2206	B	C	2A	R3727	A	C	2A	R6120	B	C	3D	RA1007	A	C	4C
C1004	A	C	3C	C2215	B	C	2A	C3707	A	C	2B	C6117	A	C	2C					L3803	B	C	3A	R1036	A	C	2C	R2207	B	C	2A	R3728	A	C	2A	R6202	B	C	3D	RA1008	A	C	2C
C1005	A	C	4C	C2216	B	C	2A	C3708	A	C	2B	C6118	A	C	2C					L3804	B	C	3A	R1037	A	C	3D	R2208	B	C	2A	R3730	A	C	2A	R6203	B	C	3D	RA3001	B	C	4C
C1006	A	C	3C	C2217	B	C	1A	C3709	A	C	2A	C6119	A	C	2C	D1001	A	C	4C	L4201	A	C	4B	R1039	A	C	4C	R2209	B	C	2A	R3731	A	C	2A	R6204	B	C	3D	RA3002	B	C	4C
C1007	A	C	2C	C2218	B	C	1A	C3710	A	C	2A	C6120	A	C	2C	D1002	A	C	2B	L4301	A	C	4A	R1040	A	C	4C	R2210	B	C	1A	R3732	A	C	2A	R6205	B	C	3C	RA3003	A	C	3C
C1008	A	C	3C	C2219	B	C	1A	C3711	A	C	2A	C6121	A	C	2C	D1003	A	C	2C	L4302	A	C	4A	R1041	A	C	4C	R2211	B	C	1A	R3733	A	C	2A	R6206	B	C	3C	RA3004	A	C	3C
C1009	A	C	3C	C2220	B	C	1A	C3712	A	C	2A	C6122	A	C	2C	D1004	B	C	1B	L5501	B	C	4A	R1045	A	C	4C	R2217	B	C	2A	R3734	A	C	1A	R6207	B	C	3C	RA3005	B	C	1B
C1010	A	C	3C	C2221	B	C	1A	C3713	A	C	2A	C6123	A	C	2C	D1801	B	C	1B	L5502	B	C	4A	R1046	A	C	4C	R2225	B	C	1A	R3735	A	C	1A	R6208	B	C	3C	RA4201	A	C	4B
C1011	A	C	2C	C2222	B	C	2A	C3714	A	C	2A	C6124	A	C	2C	D2203	B	C	2A	L5503	A	C	4A	R1047	A	C	4C	R2226	B	C	1A	R3736	A	C	1A	R6209	B	C	2D	RA4202	A	C	4B
C1012	A	C	2C	C2223	B	C	2A	C3715	A	C	2A	C6125	A	C	2C	D2204	B	C	2A	L5504	A	C	4A	R1048	A	C	4C	R2227	B	C	2A	R3737	A	C	1A	R6210	B	C	2D	RA4301	A	C	3B
C1013	A	C	3C	C2224	B	C	2A	C3731	A	C	2A	C6126	A	C	2C	D2205	B	C	2A	L5505	A	C	4A	R1049	A	C	4C	R2228	B	C	2A	R3738	A	C	1A	R6211	B	C	2D	RA4302	A	C	3B
C1014	A	C	3C	C2401	B	C	1A	C3732	A	C	1A	C6127																															

4.44 MAIN CIRCUIT BOARD [FOR NON-MEGA PIXEL without DSC MODEL]



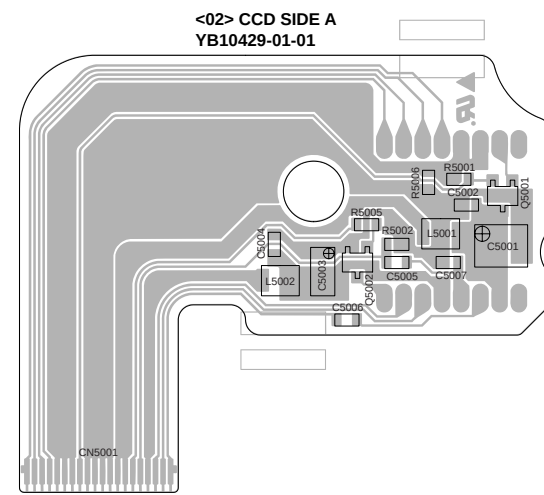
4.45 SD CIRCUIT BOARD [FOR MEGA PIXEL MODEL]



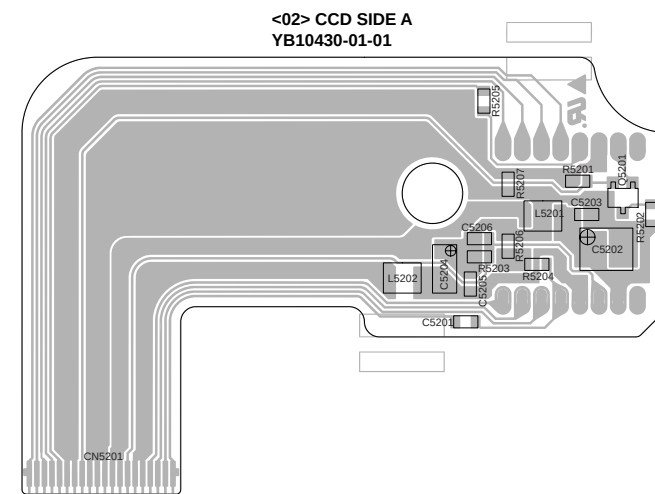
COMPONENT PARTS LOCATION GUIDE <SD> YB10432

REF.NO. LOCATION		REF.NO. LOCATION		REF.NO. LOCATION		REF.NO. LOCATION		REF.NO. LOCATION		REF.NO. LOCATION			
CAPACITOR				DIODE				RESISTOR				TEST POINT	
C4803	A C 1A	C4858	A C 1B	D8501	B C 3B	Q4802	B C 1A	R4816	B C 1A	R4842	A C 2A	R4874	A C 2A
C4804	A C 1A	C4859	A C 1B	D8502	B C 3B	Q4803	A C 1A	R4817	A C 2A	R4845	A C 2A	R8501	A C 4B
C4806	B C 2A	C4860	A C 1A	IC	IC4802 B C 1A IC4803 B C 1A IC4804 A C 2A IC4805 A C 1A IC4851 A C 1A	Q4804	A C 1A	R4818	A C 2A	R4852	A C 1A	R8502	A C 4B
C4808	B C 1A	C4861	A C 1B			Q4805	A C 2A	R4819	A C 1A	R4854	A C 1B	R8503	A C 4B
C4809	B C 1A	C4862	A C 1B			Q4806	A C 1A	R4820	A C 1A	R4855	A C 1A	R8504	A C 4A
C4810	B C 1A	C4863	A C 1B			Q4851	A C 1A	R4821	A C 1A	R4856	A C 1B	R8505	A C 4B
C4811	B C 1A	C4864	A C 2A	COIL	L4802 A C 1B L4851 A C 3B L4852 A C 2A L4853 A C 2A L8501 A C 2A	Q4807 A C 1A Q4808 B C 1A Q4809 B C 1A Q4810 B C 1A Q4811 B C 1A Q4812 B C 1A Q4813 B C 1A Q4814 B C 1A Q4815 B C 1A	R4822	A C 1A	R4857	A C 1B	R8506	A C 4A	
C4812	B C 1A	C4865	A C 2A				R4823	A C 1A	R4858	A C 1A	R8507	A C 2A	
C4813	A C 1A	C4866	A C 1A				R4824	A C 1A	R4859	A C 1A	R8508	A C 4A	
C4814	A C 2A	C4867	A C 1A				R4825	B C 1A	R4860	A C 1A	R8509	B C 3B	
C4815	A C 1A	C4868	A C 2A	CONNECTOR	CN301 B C 2B CN302 A C 1A CN303 B C 3B CN304 A C 2A CN305 A C 3A	R4826	B C 1A	R4862	A C 1A	TL8501 A D 2A TL8502 A D 4A			
C4816	A C 1A	C4869	A C 2A			R4827	A C 1A	R4863	A C 1A				
C4817	A C 2A	C4870	A C 2A			R4828	A C 1A	R4864	A C 1A				
C4818	A C 1A	C4871	A C 2A			R4829	A C 1A	R4865	A C 1A				
C4819	A C 2A	C4872	A C 2A	TRANSISTOR	Q4801 B C 1A	R4830	A C 1A	R4866	A C 1A				
C4821	A C 1A	C4873	A C 2A			R4831	A C 1A	R4867	A C 1A				
C4851	A C 2B	C4874	A C 2A			R4832	A C 1A	R4868	A C 1A				
C4852	A C 2B	C4875	A C 2A			R4833	A C 2A	R4869	A C 1A				
C4853	A C 2B	C4876	A C 2A			R4834	A C 2A	R4870	A C 1A				
C4854	A C 2B	C4877	A C 2A			R4835	A C 2A	R4871	A C 1A				
C4855	A C 2B	C4878	A C 2A			R4841	A C 2A	R4872	A C 1A				

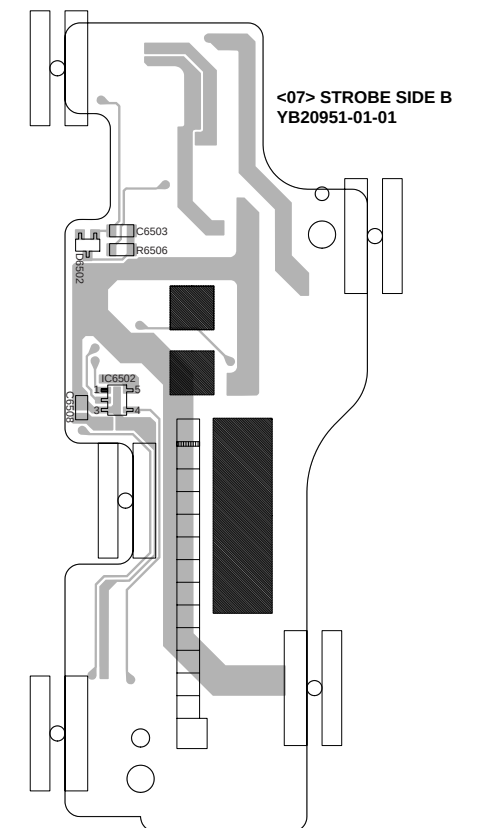
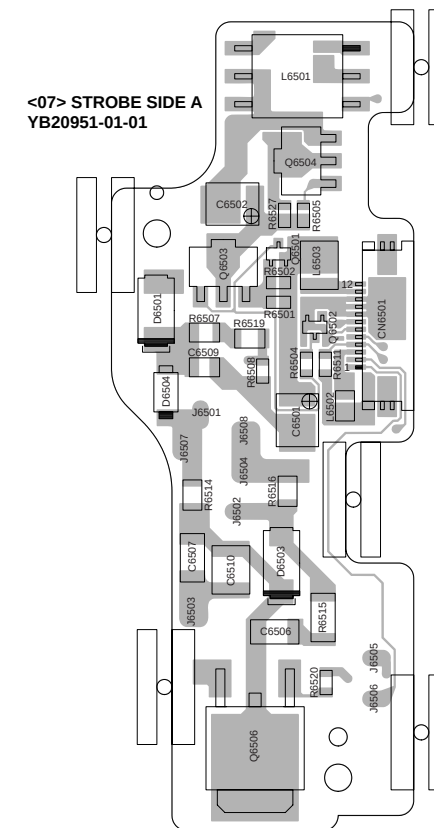
4.47 CCD CIRCUIT BOARD [FOR MEGA PIXEL MODEL]



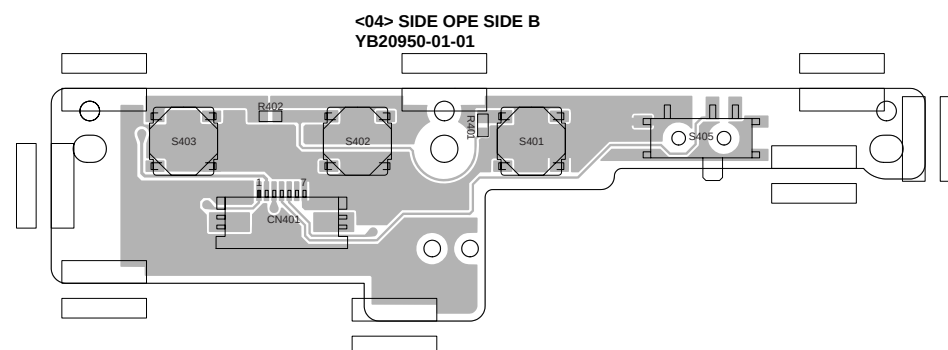
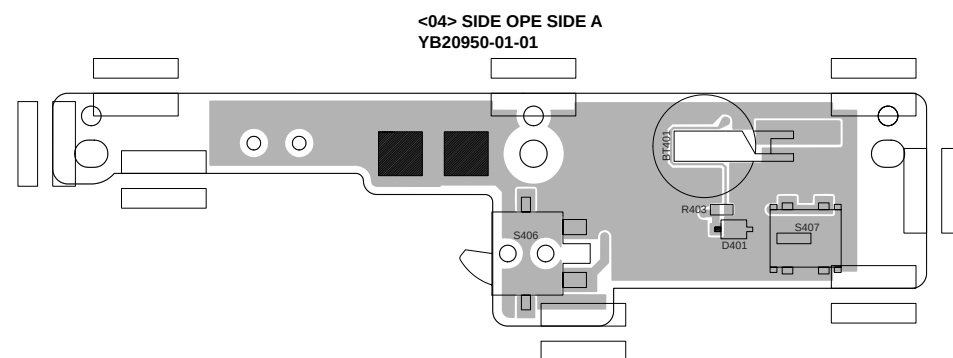
4.48 CCD CIRCUIT BOARD [FOR NON-MEGA PIXEL MODEL]



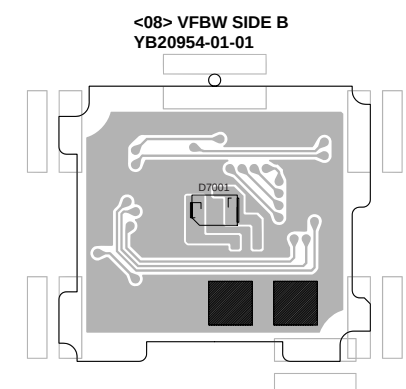
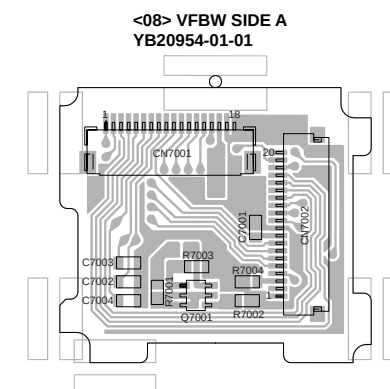
4.50 STROBE CIRCUIT BOARD [FOR STROBE MODEL]



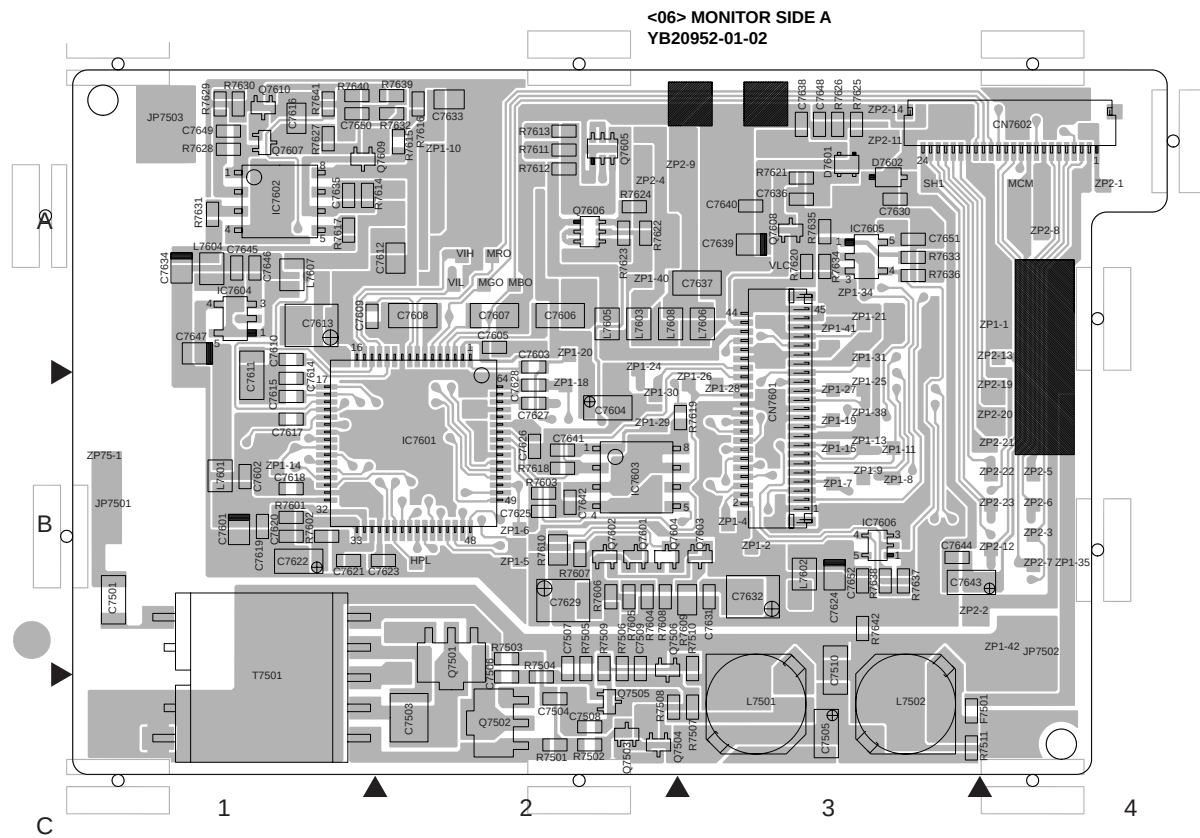
4.49 SIDE OPE CIRCUIT BOARD



4.51 VFBW CIRCUIT BOARD



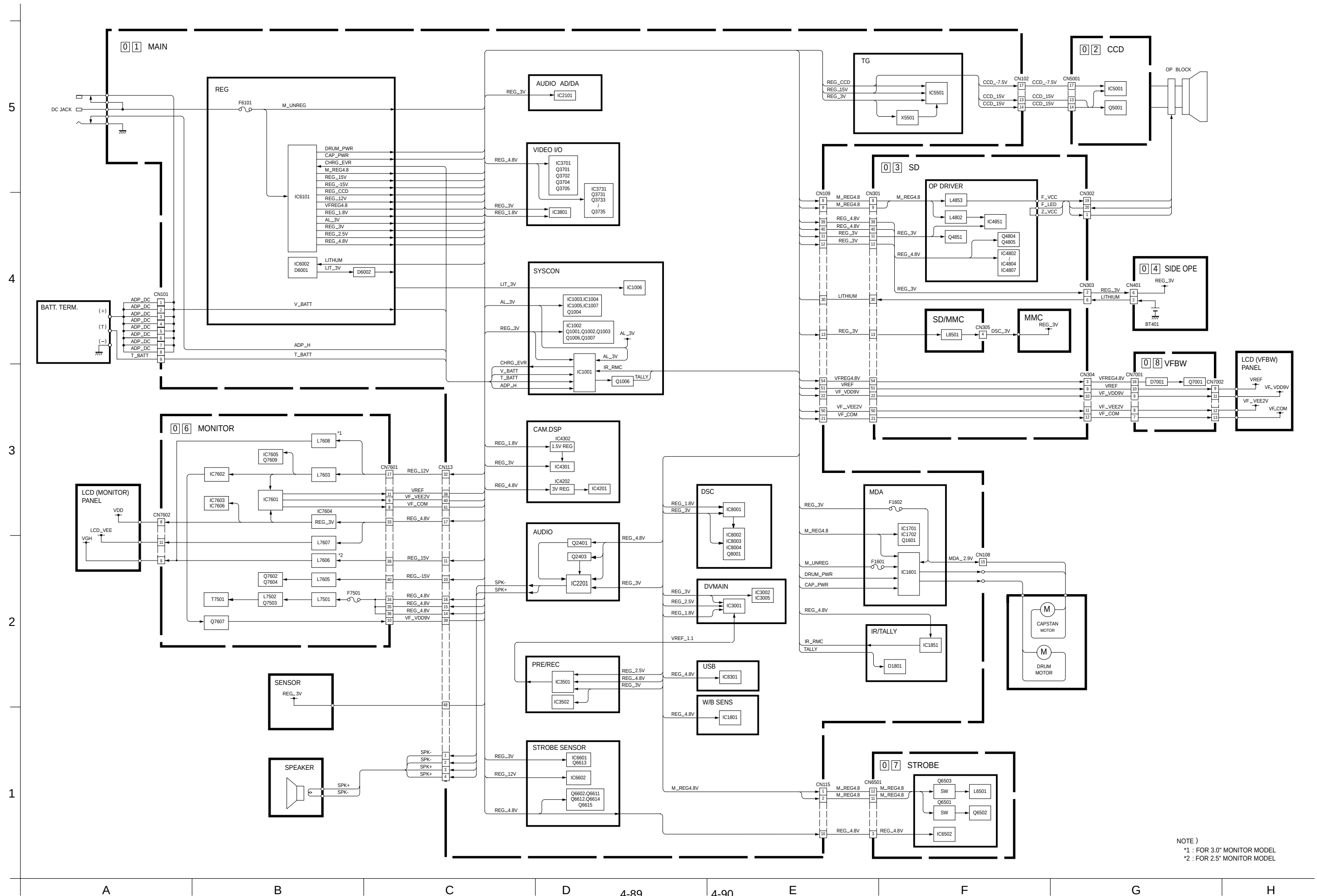
4.52 MONITOR CIRCUIT BOARD



COMPONENT PARTS LOCATION GUIDE <MONITOR> YB20952-01-02

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
CAPACITOR																					
C7501	A C 1B	C7617	A C 1B	C7643	A C 3B	IC7604	A C 1A	C7605	A C 2B	R7607	A C 2B	R7633	A C 3A	ZP2-2	A C 3B	ZP1-35	A C 4B				
C7503	A C 2C	C7618	A C 1B	C7644	A C 3B	IC7605	A C 3A	C7606	A C 2A	R7608	A C 2B	R7634	A C 3A	ZP2-3	A C 4B	ZP1-38	A C 3B				
C7504	A C 2C	C7619	A C 1B	C7645	A C 1A	IC7606	A C 3B	C7607	A C 2A	R7609	A C 3B	R7635	A C 3A	ZP2-4	A C 2A	ZP1-40	A C 2A				
C7505	A C 3C	C7620	A C 1B	C7646	A C 1A			C7608	A C 1A	R7610	A C 2B	R7636	A C 3A	ZP2-5	A C 4B	ZP1-41	A C 3A				
C7506	A C 3C	C7621	A C 1B	C7647	A C 1A	COIL		C7609	A C 3A	R7611	A C 2A	R7637	A C 3B	ZP2-6	A C 4B	ZP1-42	A C 4B				
C7506	A C 2C	C7622	A C 1B	C7648	A C 3A	L7501	A C 3C	C7610	A C 1A	R7612	A C 2A	R7638	A C 3B	ZP2-7	A C 4B	ZP2-11	A C 3A				
C7507	A C 2B	C7623	A C 2B	C7649	A C 1A	L7502	A C 3C	C7611	A C 1A	R7613	A C 2A	R7639	A C 2A	ZP2-8	A C 4A	ZP2-12	A C 4B				
C7508	A C 2C	C7624	A C 3B	C7650	A C 1A	L7601	A C 1B			R7614	A C 1A	R7640	A C 1A	ZP2-9	A C 2A	ZP2-13	A C 4A				
C7509	A C 2B	C7625	A C 2B	C7651	A C 3A	L7602	A C 3B	RESISTOR		R7615	A C 2A	R7641	A C 1A	ZP1-10	A C 2A	ZP2-14	A C 3A				
C7510	A C 3B	C7626	A C 2B	C7652	A C 3B	L7603	A C 2A	R7502	A C 2C	R7616	A C 2A	R7642	A C 3B	ZP1-11	A C 3B	ZP2-19	A C 4B				
C7601	A C 1B	C7627	A C 2B			L7604	A C 1A	R7503	A C 2B	R7617	A C 1A			ZP1-13	A C 3B	ZP2-20	A C 4B				
C7602	A C 1B	C7628	A C 2B	CONNECTOR		L7605	A C 2A	R7504	A C 2B	R7618	A C 2B	OTHER		ZP1-14	A C 1B	ZP2-21	A C 4B				
C7603	A C 2A	C7629	A C 2B	CN7601	A C 3B	L7606	A C 3A	R7504	A C 2C	R7619	A C 3A	JP7501	A C 1B	ZP1-15	A C 3B	ZP2-22	A C 4B				
C7604	A C 2B	C7630	A C 3A	CN7602	A C 4A	L7607	A C 1A	R7505	A C 2B	R7620	A C 3A	JP7502	A C 4B	ZP1-18	A C 2B	ZP2-23	A C 4B				
C7605	A C 2A	C7631	A C 3B			L7608	A C 2A	R7506	A C 2B	R7621	A C 3A	JP7503	A C 1A	ZP1-19	A C 3B	ZP75-1	A C 1B				
C7606	A C 2A	C7632	A C 3B	DIODE				R7507	A C 3C	R7622	A C 2A	SH1	A C 3A	ZP1-20	A C 2A						
C7607	A C 2A	C7633	A C 2A	D7601	A C 3A	TRANSISTOR		R7508	A C 2C	R7623	A C 2A	T7501	A C 1C	ZP1-21	A C 3A						
C7608	A C 2A	C7634	A C 1A	D7602	A C 3A	Q7501	A C 2B	R7509	A C 2B	R7624	A C 2A	ZP1-1	A C 4A	ZP1-24	A C 2A						
C7609	A C 1A	C7635	A C 1A			Q7502	A C 2C	R7510	A C 3B	R7625	A C 3A	ZP1-2	A C 3B	ZP1-25	A C 3B						
C7610	A C 1A	C7636	A C 3A	FUSE		Q7503	A C 2C	R7511	A C 3C	R7626	A C 3A	ZP1-4	A C 3B	ZP1-26	A C 3B						
C7611	A C 1B	C7637	A C 3A	F7501	A C 3C	Q7504	A C 2C	R7601	A C 1B	R7627	A C 1A	ZP1-5	A C 2B	ZP1-27	A C 3B						
C7612	A C 2A	C7638	A C 3A			Q7505	A C 2C	R7602	A C 1B	R7628	A C 1A	ZP1-6	A C 2B	ZP1-28	A C 3B						

4.53 POWER SYSTEM BLOCK DIAGRAM

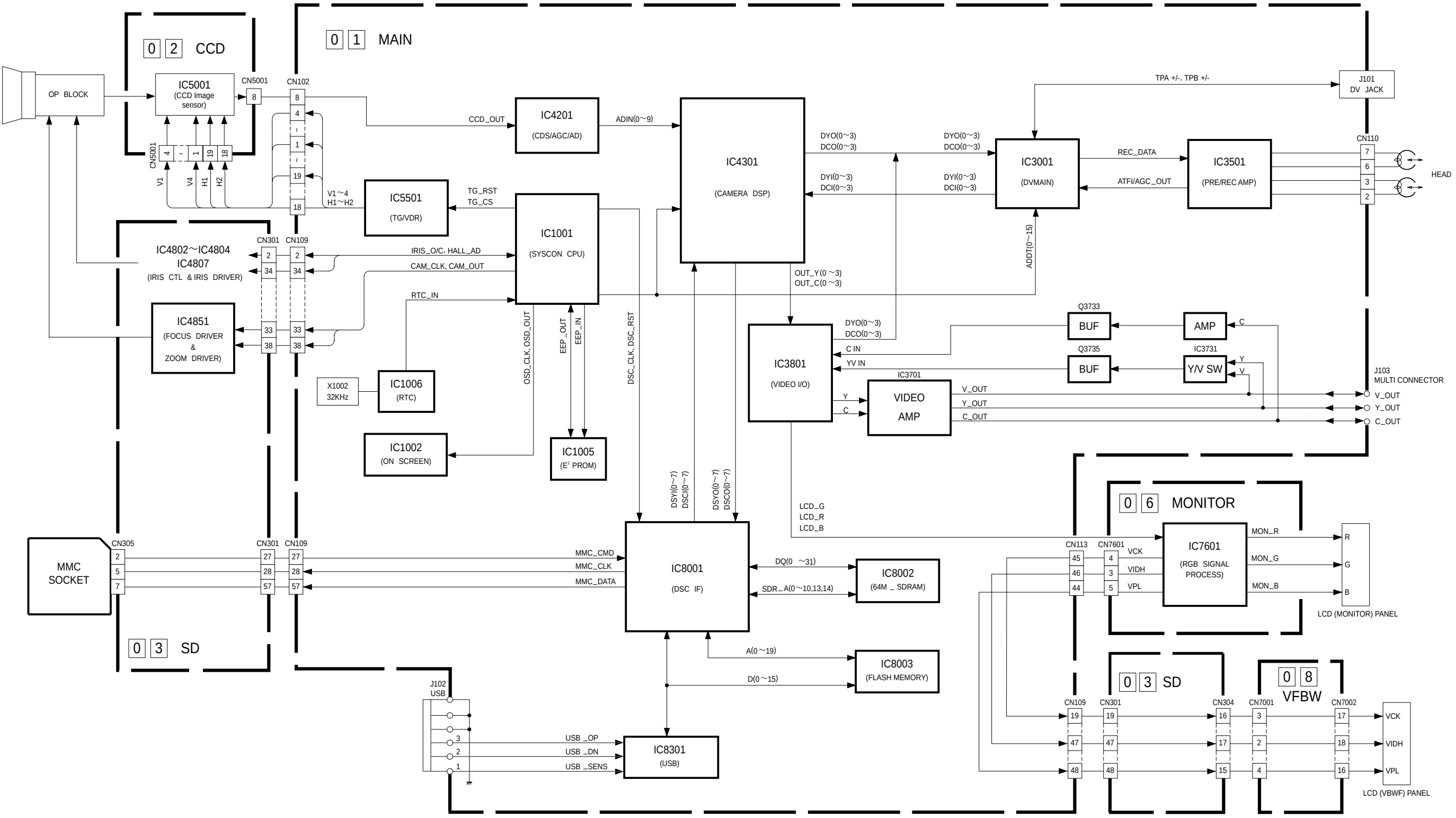


NOTE)

- *1 : FOR 3.0" MONITOR MODEL
- *2 : FOR 2.5" MONITOR MODEL

4.54 VIDEO SYSTEM BLOCK DIAGRAM

5
4
3
2
1



A B C D 4-91 4-92 E F G H

SECTION 5 PARTS LIST

5.1 EXPLODED VIEW

SAFETY PRECAUTION

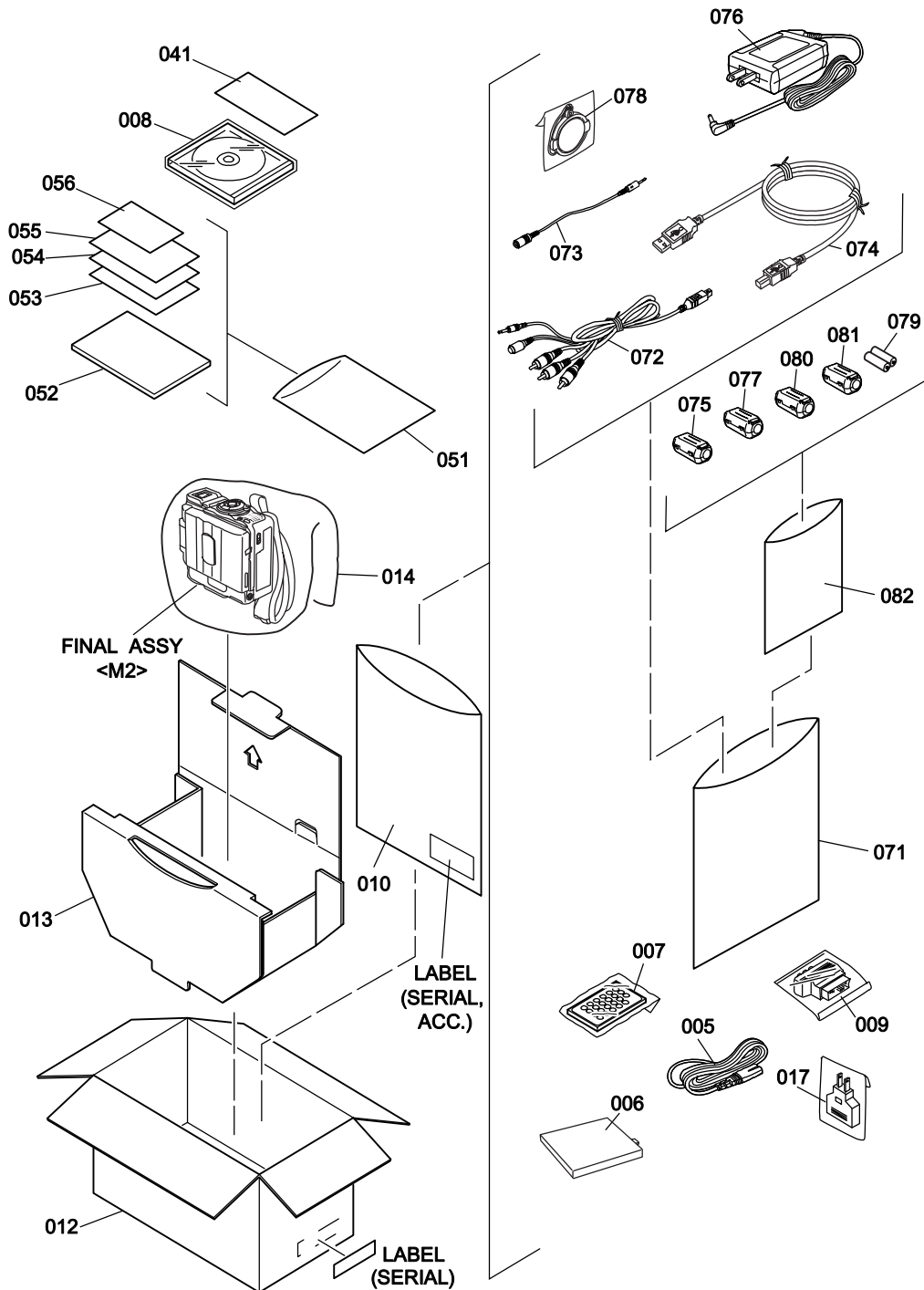
Parts identified by the  symbol are critical for safety. Replace only with specified part numbers.

BEWARE OF BOGUS PARTS

Parts that do not meet specifications may cause trouble in regard to safety and performance. We recommend that genuine JVC parts be used.

5.1.1 PACKING AND ACCESSORY ASSEMBLY <M1>

The instruction manual to be provided with this product will differ according to the destination.



5.1.2 FINAL ASSEMBLY<M2>

<M2> FINAL ASSY

PART NO.	SETTING TORQUE
(115)(116)(117)	0.07 ±0.01 N·m
OTHER SCREW	0.08 ±0.01 N·m

Table 1 WIRE(FPC) CONNECTION TABLE

PWB NAME	CN No.	ASSY NAME	WIRE/FPCNAME
MAIN PWB ASSY	CH101	LOWER ASSY(F)	BATT. TERM.
MAIN PWB ASSY	CH102	LOWER ASSY(F)	CCD
MAIN PWB ASSY	CH103	MECHANA ASSY	LOAD MOTOR
MAIN PWB ASSY	CH104	MECHANA ASSY	DRUM MOTOR
MAIN PWB ASSY	CH105	MECHANA ASSY	SENSOR
MAIN PWB ASSY	CH107	MECHANA ASSY	R.ENC
MAIN PWB ASSY	CH108	MECHANA ASSY	CAPSTAN
MAIN PWB ASSY	CH109	LOWER ASSY(F)	SD PWB ASSY (CH80)
MAIN PWB ASSY	CH110	MECHANA ASSY	HEAD
MAIN PWB ASSY	CH111	LOWER ASSY(F)	CAMERA OPE
MAIN PWB ASSY	CH112	UPPER ASSY(G)	SUB OPE
MAIN PWB ASSY	CH113	UPPER ASSY(G)	MONI PWB
MAIN PWB ASSY	CH114	MIC ASSY	MIC WIRE
MAIN PWB ASSY	CH115	FRONT ASSY(G)	STROBE PWB

PROCESSING JTC MIC WIRE.
[JTC: MegaPixel CCD MODEL]

THIS MIC WIRE PASS ON SPACER.

THIS MIC WIRE PASS OUTSIDE INTOP.

PROCESSING MIC WIRE TO THIS AREA WHEN BUILT IN OF FRONT ASSY(F).

THIS AREA DON'T SITE ON MIC WIRE.

PROCESSING K100 MIC WIRE.
[K100: Non MegaPixel CCD MODEL]

PASS MIC WIRE INSIDE BKTOP.

PROCESSING MIC WIRE TO THIS AREA WHEN BUILT IN OF FRONT ASSY(F).

THIS AREA DON'T SITE ON MIC WIRE.

SHIELD PLATE

MECHA BKT ASSY

UPPER ASSY(G)
U.CASE ASSY(G)
(Refer to the Exploded view for this part.)

COVER(DV)

HOLDER(DV/USB)

HOOK THIS PART BETWEEN COVER(DV) AND FRONT COVER ASSY.

<M3> MECHANISM ASSY

BKT (PRE-REC)

118

110

119

FRONT ASSY(G)
F.COVER ASSY
(Refer to the Exploded view for this part.)

BRACKET(TOP)

LOWER ASSY(F)
(Refer to the Exploded view for this part.)

NOTES

- While assembling the SET, don't touch CLEANER ROLLER portion of MECHA ASSY.
- PREVENT THE MOTOR FPC FROM ENTERING INTERNALLY IN THE DRUM UPPER BASE.
- OPEN CASSETTE COVER AND ASSEMBLE UPPER ASSY(G) AND FRONT ASSY(G).

TABLE OF SETTING TORQUE FOR SCREW DRIVER

PART NO.	SETTING TORQUE
(180)(186)	0.069 ±0.007 N·m

FIG. PROCESSING TAG

STRING IS CONNECTED TO GRIP BELT.

181 TAG

AFTER BEARING INTO DOUBLE FOLD PUT IN BETWEEN GRIP BELT AND DUMMY BATT.

COVER(ADJ)

183

186

DUMMY BATT.
DUMMY BATTERY

COVER(JIG CONN)

184

189

RATING LABEL

187

MEMORY CARD

180

CASSETTE HOUSING

187

LABEL(PUSH)

186

LABEL(HOUSING)

NOTE: THE DIRECTION WHERE LABELS ARE STICKED.

5.1.3 LOWER ASSEMBLY(F) AND LOWER ASSEMBLY(G)<M2>

<M2> LOWER ASS'Y(F)

PART NO	TORQUE
ALL SCREW	0.09 ±0.009 N·m

<M2> LOWER ASS'Y(G)

PART NO	TORQUE
(514)	0.07 ±0.009 N·m
ANOTHER SCREW	0.12 ±0.01 N·m

LOWER ASS'Y(G) LYH20620

PROCESSING E-CARD WIRE ONLY THE MODEL OF OP ASS'Y OF K185

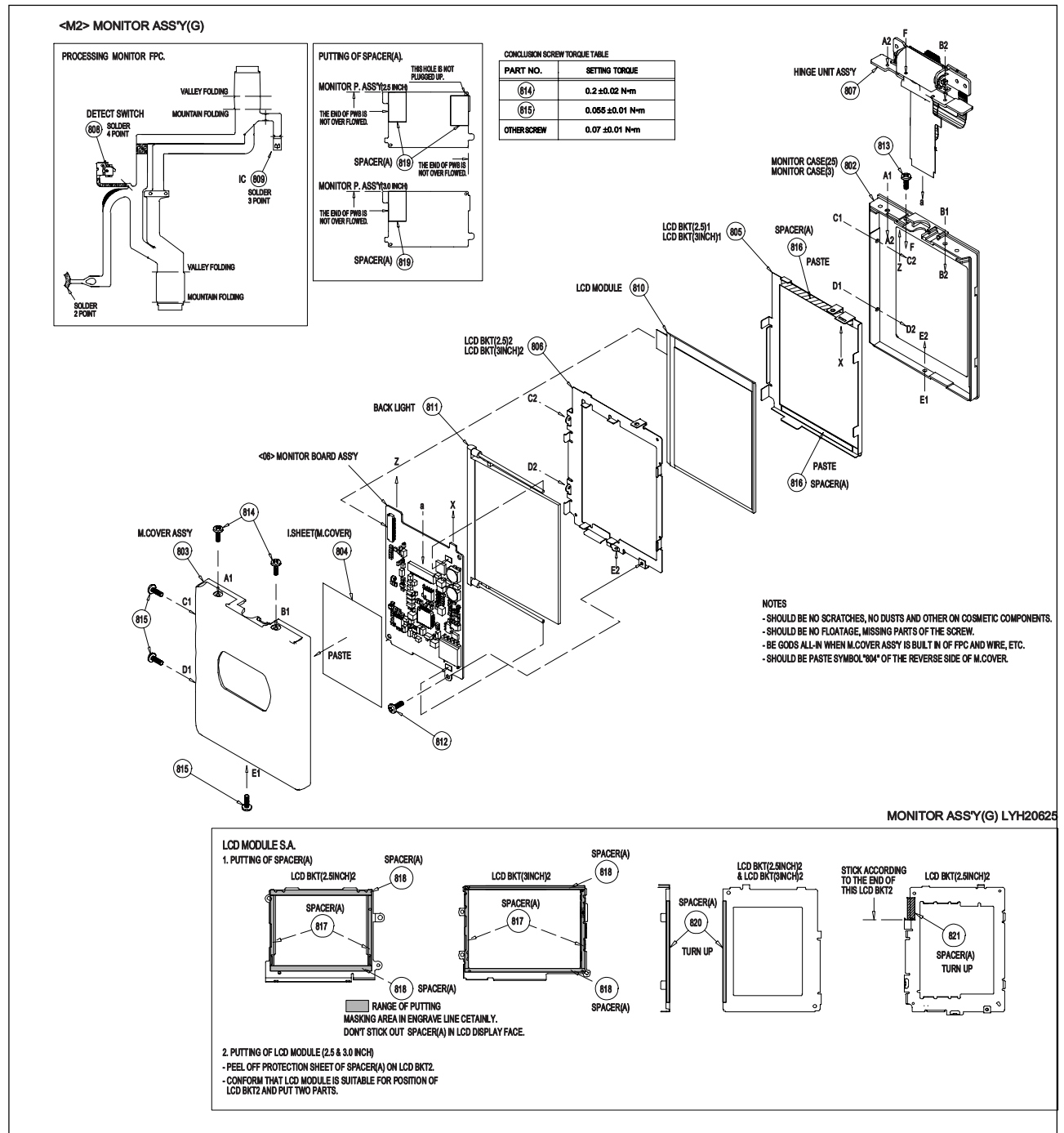
DRAWING FOR SPACER STICKING

PROCESSING J7C OF ASS'Y

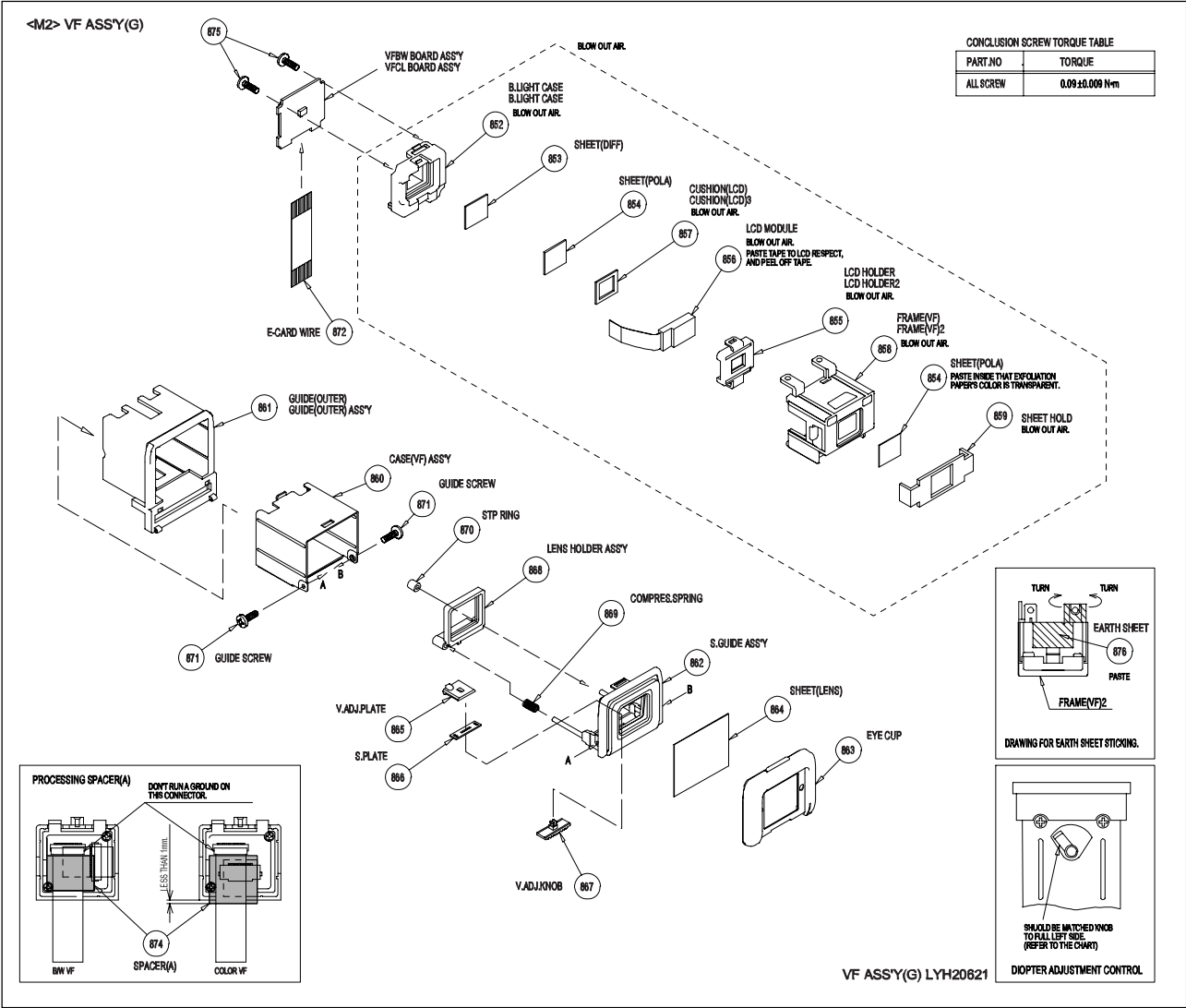
PROCESSING K185 OF ASS'Y AND MIC WIRE

5-3

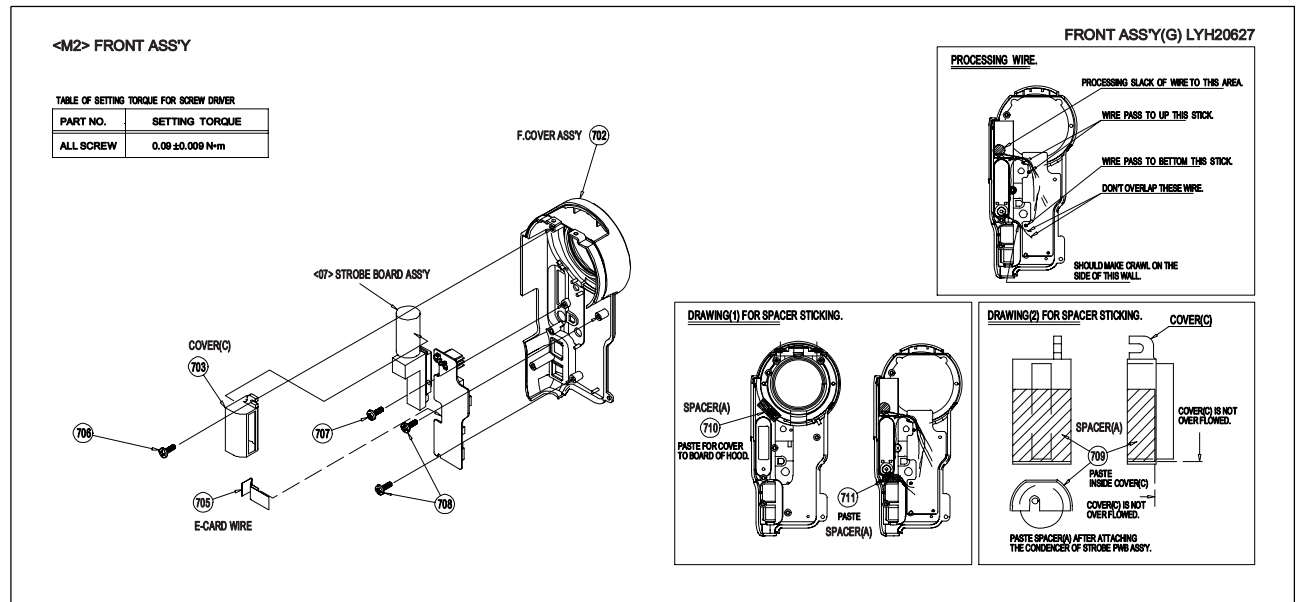
5.1.5 MONITOR ASSEMBLY(G)<M2>



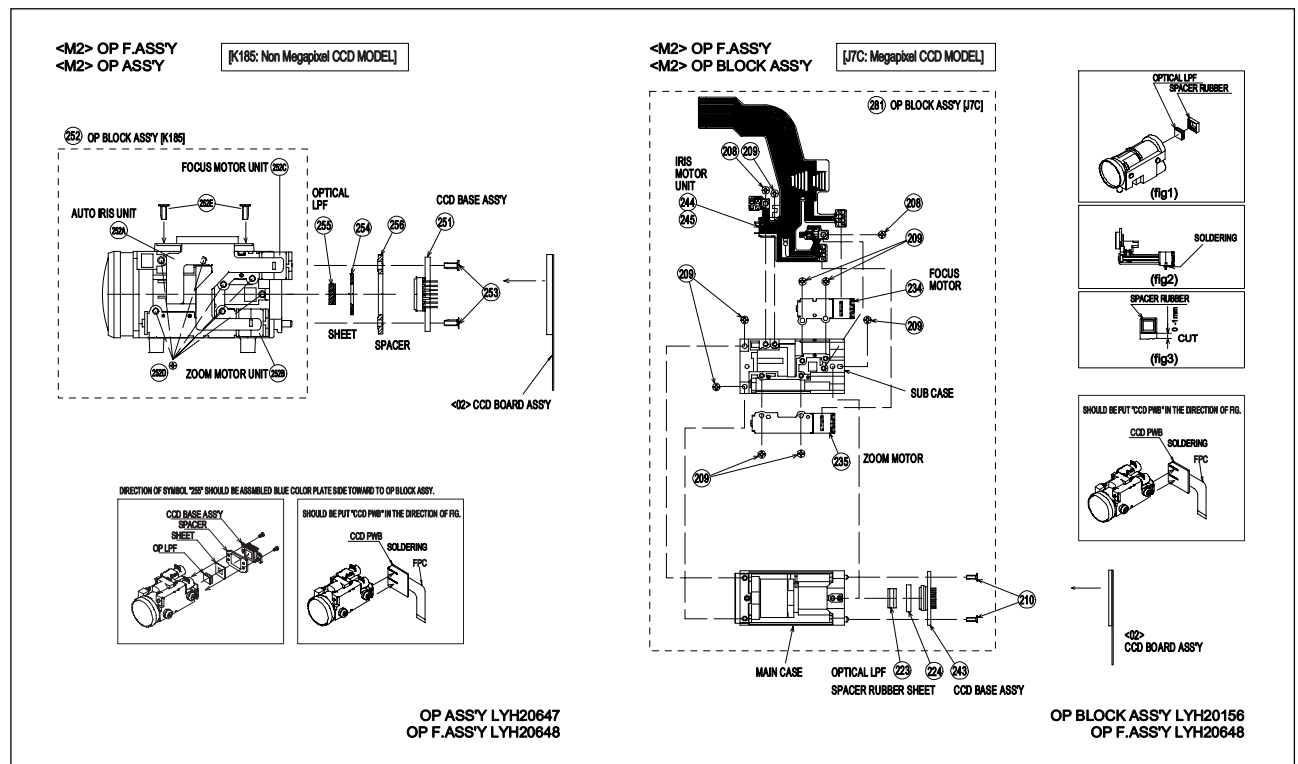
5.1.6 VF ASSEMBLY(G)<M2>



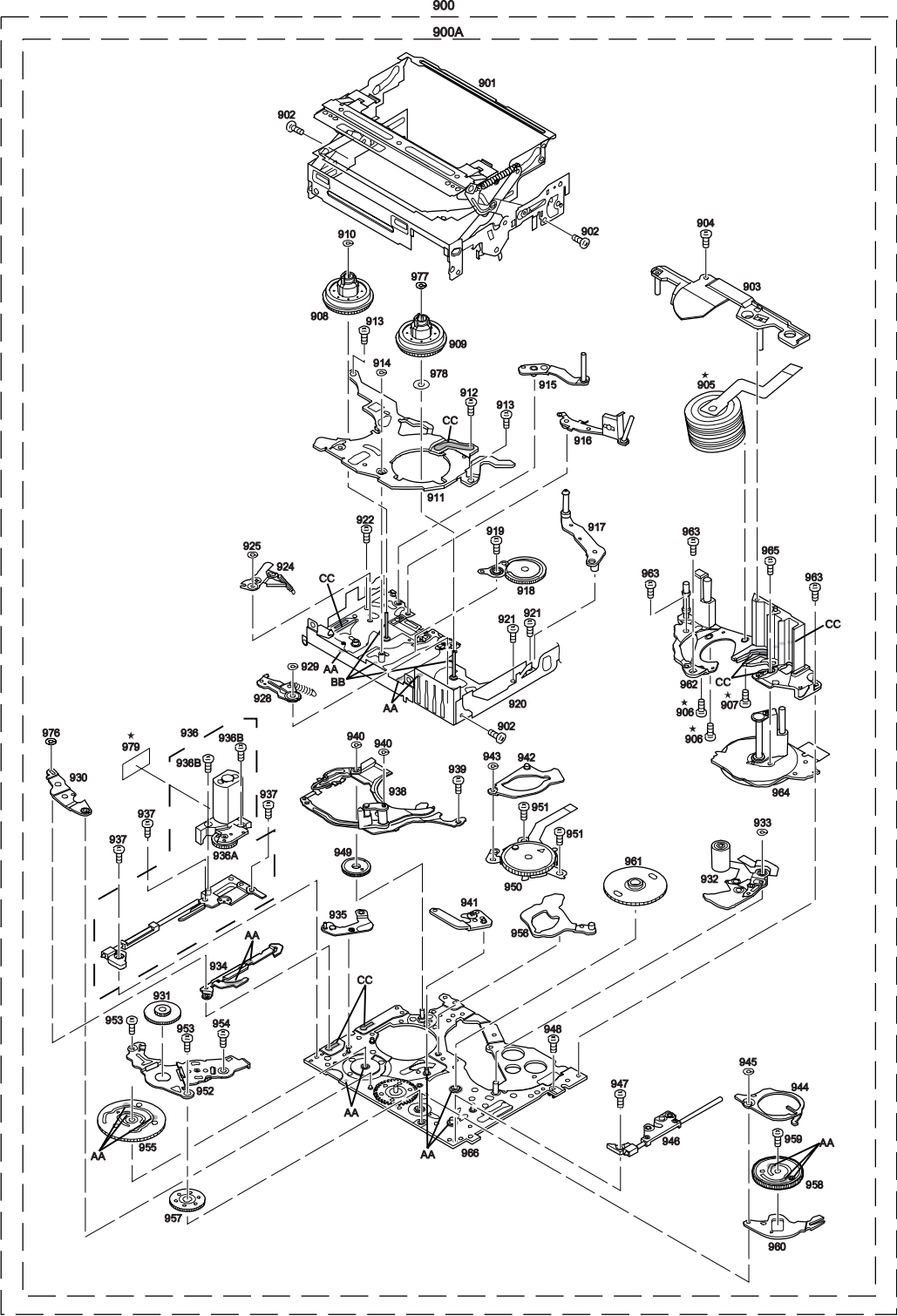
5.1.7 FRONT ASSEMBLY<M2>



5.1.8 OP F. ASSEMBLY, OP ASSEMBLY AND OP BLOCK ASSEMBLY<M2>



5.1.9 MECHANISM ASSEMBLY <M3>



Classification	Part No.	Symbol in drawing
Grease	KYODO-SH-JB	AA
Oil	YTU94027	BB
Grease (HANARL)	RX-410R	CC

NOTE1: The section marked in **AA** and **BB**, **CC** indicate lubrication and greasing areas.

NOTE2: Mark * is not contained in 900A.

5.2 PARTS LIST

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

△ REF No. PART No. PART NAME, DESCRIPTION

PACKING AND ACCESSORY ASSEMBLY<M1>

△ 005	QMPL120-190-JR	POWER CORD,B,C,D,F,G,H
△ 005	QMPP110-190-JR	POWER CORD,A,E
△ 006	LY32203-003A	B.PACK ASSY,BN-V107U-S
007	LY20750-001A	REMOTE CTL UNIT,RM-V717U
008	LY32210-051A	CD ROM ASSY
009	QAM0302-001	ADAPTOR PLUG,PERI-RCAS
010	QPA02503505P	POLY BAG,ACC.
012	LY33433-001A	PACKING CASE,A,B,C,D
012	LY33433-003A	PACKING CASE,E,F,G,H
013	LY21053-001A	CUSHION
014	LY30023-003A	POLY BAG
041	BT-54013-5	WARRANTY CARD,B,C,D,F,G,H
041	BT-54008-4	GUARANTY CARD,A,E
051	QPA02003506	POLY BAG,DOCUMENT,B,C,D,F,G,H
051	YQM30061-3	POLY BAG,DOCUMENT,A,E
△ 052	LYT1119-001B	IB(EN),A,E
△ 052	LYT1119-002A	IB(GE),B,C,F,G,H
△ 052	LYT1119-003A	IB(FR),B,F
△ 052	LYT1119-004A	IB(DU),B,F
△ 052	LYT1119-005A	IB(SP),B,F
△ 052	LYT1119-006A	IB(IT),B,F
△ 052	LYT1119-007B	IB(DA),C,G
△ 052	LYT1119-008B	IB(FI),C,G
△ 052	LYT1119-009B	IB(SW),C,G
△ 052	LYT1119-010B	IB(NO),C,G
△ 052	LYT1119-011B	IB(RU),D,H
△ 052	LYT1119-012B	IB(CZ),D,H
△ 052	LYT1119-013B	IB(PO),D,H
△ 052	LYT1119-014B	IB(HU),D,H
053	LYT1085-001A	IB(SOFT.EN),A,E
053	LYT1085-002A	IB(SOFT.GE),B,C,F,G
053	LYT1085-003A	IB(SOFT.FR),B,F,H
053	LYT1085-004A	IB(SOFT.DU),B,F,H
053	LYT1085-005A	IB(SOFT.SP),B,F,H
053	LYT1085-006A	IB(SOFT.IT),B,F,H
053	LYT1085-007A	IB(SOFT.DA),C,G
053	LYT1085-008A	IB(SOFT.FI),C,G
053	LYT1085-009A	IB(SOFT.SW),C,G
053	LYT1085-010A	IB(SOFT.NO),C,G
053	LYT1085-011A	IB(SOFT.RU),D,H
054	LYT0194-001B	Q.CARD(JUK),A,E
055	YU30878	REGIST. CARD,A,E
056	LYT1119-015A	SHEET(ATT.VF.1),A,B,E,F
056	LYT1119-016A	SHEET(ATT.VF.2),C,D,G,H
071	QPA01703005	POLY BAG,CABLE ASSY
072	QAM0415-001	MULTI CABLE,MULTI
073	QAM0402-001	RM CABLE,EDIT EXT
074	QAM0451-001	USB CABLE,USB
075	QQR0491-002	CORE FILTER,USB 1T
△ 076	LY20955-001C	AC ADAPTER,AP-V13E
△ 076	or LY20956-001B	AC ADAPTER,AP-V11E
077	QQR0917-002	CORE FILTER
078	LY33346-001A	HOOD CAP ASSY
079	——	BATTERY,X2,FOR RCU
080	QQR0917-002	CORE FILTER,MULTI
082	LY30023-014A	POLY BAG,CORE FILT.

△ REF No. PART No. PART NAME, DESCRIPTION

FINAL ASSEMBLY<M2>

102	LYH20627-002A	FRONT ASSY(G),A,B,C,D
102	LYH20627-001A	FRONT ASSY(G),E,F,G,H
103	LYH20622-002A	LOWER ASSY(F),A,B,C,D
103	LYH20622-001A	LOWER ASSY(F),E,F,G,H
104	LYH20626-002A	UPPER ASSY(G),A,B,C,D
104	LYH20626-001A	UPPER ASSY(G),E,F,G,H
106	LY33332-001A	MIC COVER
108	LY44087-001A	MECHA BKT ASSY
109	LY33354-001A	SHIELD PLATE
110	LY43083-001A	BKT(PRE-REC)
111	LY33333-001A	COVER(DV)
112	LY33386-001C	HOLDER(DV/USB)
113	LY21032-001D	TOP COVER
114	LY33318-001A	BRACKET(TOP)
115	LY30019-028A	SPECIAL SCREW,X3,MECHA-BKT
116	QYSPSP1414M	SCREW,BKTP/R-MEC 1.4mmx1.4mm
117	LY30018-032A	SPECIAL SCREW,X2,SH.P/R-M.B
118	LY30018-032A	SPECIAL SCREW,X3,BKT(M)-ARM
119	LY30018-0K2A	SPECIAL SCREW,BKT(M)-BAS
120	LY30018-0D8A	SPECIAL SCREW,UP-C.OPE(U
121	LY30018-048A	SPECIAL SCREW,UP-C.OPE(L
122	LY30018-043B	SPECIAL SCREW,UP-BASE
123	LY30018-006B	SPECIAL SCREW,X3,UP-ARM
124	LY30018-0E4A	SPECIAL SCREW,X2,COV(D/U)-F
125	LY30018-0B7A	SPECIAL SCREW,UP-FR
126	LY30018-043B	SPECIAL SCREW,FR-ARM
127	LY30018-0E4A	SPECIAL SCREW,BKT(T)-ARM
128	LY30018-043B	SPECIAL SCREW,BKT(T-FR(U
129	LY30018-043B	SPECIAL SCREW,X2,BKT(T-BK(F
130	LY30018-006B	SPECIAL SCREW,TOP-BKT(T)
131	LY30018-0B7A	SPECIAL SCREW,X2,TOP-CO(T/U
132	LY30018-0B7A	SPECIAL SCREW,UP-VF
133	LY30018-0B7A	SPECIAL SCREW,TOP-VF
134	QYSPSP1730R	SCREW,FR-ARM
183	LY33383-001A	COVER(ADJ)
184	LY41393-005A	COVER(JIG CONN)
185	LY32884-002A	DUMMY BATTERY
186	LY32001-002A	LABEL(HOUSING)
187	LY40699-002A	LABEL(PUSH)
188	LY30018-043B	SPECIAL SCREW,X2,COV(ADJ-AR
189	LY30018-026A	SPECIAL SCREW,COV(JIG-UP
190	QAM0404-002	MEMORY CARD,MMC 8MB*
191	——	TAG

*NOTE :

DATA FILE is not contained in MEMORY CARD of the service part.

OP BLOCK ASSEMBLY<M2>

251	LYH20646-001A	CCD BASE ASS'Y
252	LY33085-002C	OP BLOCK ASSY
252A	PTY33085-006	AUTO IRIS UNIT
252B	LY30723-001B	ZOOM MOTOR UNIT
252C	LY30724-001B	FOCUS MOTOR UNIT
252D	PTY33085-001	SCREW,X7
252E	PTY31727-116	SCREW,X2

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

# △ REF No.	PART No.	PART NAME, DESCRIPTION
253	LY30018-0E7A	SPECIAL SCREW,X2
254	LY44005-001A	SHEET
255	LY44120-001A	OPTICAL LPF
256	LY33288-001A	SPACER

LOWER ASSEMBLY(G)<M2>

502	LY33305-001C	SIDE COVER ASSY
503	LY33306-001A	KNOB(DSC)
504	LY21028-001B	ARM ASSY
505	LY33316-001C	CASS.COVER ASSY
506	LY21031-001C	CAMERA OPE UNIT
507	LY32575-002A	BATT.TERNIMAL
508	QAL0467-001	FPC,BATT.FPC
509	WJT0104-001A	E-CARD WIRE,SIDE-SD
510	LY44140-001A	BKT(S.COVER/VF)
511	LY33439-001A	GRIP BELT
512	LY30018-0A2A	SPECIAL SCREW,X2,C.OPE-ARM
513	LY30018-0A2A	SPECIAL SCREW,X2,BATT-ARM
514	LY30018-063A	SPECIAL SCREW,X2,S.COV-S.PW
515	LY30018-0A2A	SPECIAL SCREW,X4,COVER-ARM
516	LY44213-001A	SHEET(BAT.FPC)
517	LY44216-001A	LABEL(C.COVER)
518	LY30030-059B	SPACER(A),X2
519	LY33587-001A	HOLDER(G. OUTER),E,F,G,H
520	LY30030-0P8A	SPACER(A)
521	LY30018-021A	SPECIAL SCREW,SCOV-SPWBL
522	LY30018-060A	SPECIAL SCREW,HLDR-S.COV

LOWER ASSEMBLY(F)<M2>

552	LYH20620-002A	LOWER ASSY(G),A,B,C,D
552	LYH20620-001A	LOWER ASSY(G),E,F,G,H
553	LYH20621-002A	VF ASSY(G),A,B,C,D
553	LYH20621-001A	VF ASSY(G),E,F,G,H
555	LY33342-001A	BKT(OP)
556	WJT0113-001A	E-CARD WIRE,K185-SD
557	LY30018-032A	SPECIAL SCREW,SD-ARM
558	LY30018-019A	SPECIAL SCREW,OP-BKT(OP)
559	LY30018-006B	SPECIAL SCREW,X2,VF-BKT(VF)
560	LY30018-006B	SPECIAL SCREW,BKT(OP)-AR
561	LY30030-0U2A	SPACER(A),FOR OP
562	LY33392-001A	MIC ASSY
563	LY30030-0L8A	SPACER(A),FOR OP
564	LY30030-0L9A	SPACER(A),FOR OP
565	LY30030-0M1A	SPACER(A),X2,FOR OP
566	LY30030-0N4A	SPACER(A),FOR MICWIR

UPPER ASSEMBLY(G)<M2>

601	LYH20625-002A	MONITOR ASSY(G),A,B,C,D
601	LYH20625-001A	MONITOR ASSY(G),E,F,G,H
602	LY33319-001D	U.CASE ASSY
603	LY33580-001A	FRAME(UPPER)AY
604	LY33320-001B	MONI.LOCK ASSY
605	LY44136-001B	COVER(TOP/UPP)L
606	LY44137-001B	COVER(TOP/UPP)R
607	LY33322-001B	SUB OPE UNIT
608	LY33425-001C	BRACKET(SPEAKER

# △ REF No.	PART No.	PART NAME, DESCRIPTION
609	QAS0132-002	SPEAKER
610	LY30018-043B	SPECIAL SCREW,UPPER-FRM
611	LY30018-068A	SPECIAL SCREW,X2,UPPER-HING
612	LY30018-043B	SPECIAL SCREW,X2,C(T/U)-HIN
613	LY30018-043B	SPECIAL SCREW,X2,UPPER-M.LO
614	LY30018-026A	SPECIAL SCREW,UPP-BKT(SP
615	LY30030-0A9A	SPACER(A),SUB OP FPC
616	LY30018-032A	SPECIAL SCREW,X2,MFPC-UFRM
617	LY30018-0D8A	SPECIAL SCREW,MONSW-UPPR
618	LY30030-0F4A	SPACER(A)
619	LY44237-001A	SHEET(SHIELD)
620	LY30030-0K9A	SPACER(A),UPP BSIDE
621	LY30030-0V1A	SPACER(A),UP-SPK1
622	LY30030-0N1A	SPACER(A),UP-SPK2
623	LY30030-0N2A	SPACER(A),FOR MONIFF
624	LY30030-0V2A	SPACER(A),FOR MONIFF
625	LY44295-001A	STICKER,A,B,C,D
625	LY44295-002A	STICKER,E,F,G,H
626	LY30017-022A	SPACER-B,X2,COVER T/U

FRONT ASSEMBLY(G)<M2>

702	LY21036-001C	F.COVER ASSY
703	LY33352-001A	COVER(C)
705	WJT0110-001A	E-CARD WIRE,STROBE-MAI
706	LY30018-063A	SPECIAL SCREW,COV(C)-FR
707	LY30018-021A	SPECIAL SCREW,STB-FR
708	LY30018-021A	SPECIAL SCREW,X2,STB.PWB-FR
709	LY30030-0U9A	SPACER(A),COVER(C)
710	LY30030-0M8A	SPACER(A),STB WIRE
711	LY30030-0Q8A	SPACER(A),FRONT-HOOD

MONITOR ASSEMBLY(G)<M2>

802	LY21052-001C	MONITOR CASE(25,A,B,C,D
802	LY21034-001C	MONITOR CASE(3),E,F,G,H
803	LY33324-001C	M.COVER ASSY
804	LY43438-001A	I.SHEET(M.COVER,M.COV B.S
805	LY33422-001A	LCD BKT(2.5)1,A,B,C,D
805	LY33325-001A	LCD BKT(3INCH)1,E,F,G,H
806	LY33423-001A	LCD BKT(2.5)2,A,B,C,D
806	LY33326-001A	LCD BKT(3INCH)2,E,F,G,H
807	LY33327-001B	HINGE UNIT ASSY
808	NSW0122-001X	DETECT SWITCH
809	DN8797MS-X	IC
810	QLD0272-001	LCD MODULE,A,B,C,D
810	QLD0274-001	LCD MODULE,E,F,G,H
811	QLL0153-001	BACK LIGHT,A,B,C,D
811	QLL0154-001	BACK LIGHT,E,F,G,H
812	LY30018-070A	SPECIAL SCREW,BK(LCD-M.P
813	LY30018-070A	SPECIAL SCREW,M.CAS-HIN
814	LY30018-028A	SPECIAL SCREW,X2,HIN-M.COV
815	LY30018-0A2A	SPECIAL SCREW,X3,M.COV-BK(2
816	LY30030-0F8A	SPACER(A),X2,LCD-BKT1-V,A,B,C,D
816	LY30030-0G1A	SPACER(A),X2,LCD-BKT1-V,E,F,G,H
817	LY30030-0F8A	SPACER(A),X2,LCD-BKT2,A,B,C,D
817	LY30030-0G1A	SPACER(A),X2,LCD-BKT2,E,F,G,H
818	LY30030-0F9A	SPACER(A),X2,LCD-BKT1-H,A,B,C,D
818	LY30030-0G2A	SPACER(A),X2,LCD-BKT1-H,E,F,G,H

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

# △ REF No.	PART No.	PART NAME, DESCRIPTION
819	LY30030-0M6A	SPACER(A),X2,A,B,C,D
819	LY30030-0M6A	SPACER(A),E,F,G,H
820	LY30030-0K7A	SPACER(A),BKT1-MCASE
821	LY30030-0P3A	SPACER(A),BKT2(FPC,A,B,C,D

VF ASSEMBLY(G)<M2>

852	LY33384-001A	B.LIGHT CASE2
853	LY44100-001A	SHEET(DIFF)
854	LY44098-001A	SHEET(POLA),X2
855	LY33335-001B	LCD HOLDER2
856	QLD0193-002	LCD MODULE
857	LY44319-001A	CUSHION(LCD)3
858	LY21047-001C	FRAME(VF)2
859	LY33341-001A	SHEET HOLD
860	LY33382-002A	CASE(VF)ASSY
861	LY33403-001B	GUIDE(OUTER)AY
862	LY33345-001C	S.GUIDE ASSY
863	LY33432-001A	EYE CUP
864	LY44097-001A	SHEET(LENS)
865	LY33379-001B	V.ADJ.PLATE
866	LY44102-001A	S.PLATE
867	LY33378-001A	V.ADJ.KNOB
868	LY44103-001B	LENS HOLDER AY
869	LY30002-055A	COMPRES. SPRING
870	LY44095-001B	STP RING
871	LY44096-001A	GUIDE SCREW,X2
872	WJT0111-001A	E-CARD WIRE
874	LY30030-0A8A	SPACER(A)
875	LY30018-0B7A	SPECIAL SCREW,X2
876	LY44287-001A	EARTH SHEET

MECHANISM ASSEMBLY<M3>

900	YMA0029H	MECHA(A)ASSY	
900A	YMA0029D	MECHA(A)ASSY	
901	LY32870-001G	CASSETTEHOUSING ASSY	
902	YQ43893-8	MINI SCREW	(x3)
903	LYH30420-001A	UPPER BASE ASSY	
904	QYSPSPU1425M	SCREW	
905	YDV2102B	DRUM ASSY	
906	LY42820-001A	DAMP.SCREW ASSY	(x2)
907	LY42820-002A	DAMP.SCREW ASSY	
908	LY31538-001F	REEL DISK ASSY	
909	LY31538-002H	REEL DISK ASSY	
910	YQ44246	SLIT WASHER	
911	LY10372-001D	REEL COVER ASSY	
912	LY42120-002A	MINI SCREW	
913	LY41945-003A	MINI SCREW	(x2)
914	YQ44246	SLIT WASHER	
915	LY43725-001D	TENSION ARM ASSY	
916	LYH40269-001A	SLANT POLE ARM ASSY	
917	LY43731-001F	TU ARM ASSY	
918	LY31531-001D	SWING ARM ASSY	
919	YQ43893	MINI SCREW	
920	LYH30424-001A	SLIDE DECK FINAL ASSY	
921	YQ43893	MINI SCREW	(x2)
922	LY43023-001A	MINI SCREW	
924	LYH30419-001A	PAD ARM ASSY	

# △ REF No.	PART No.	PART NAME, DESCRIPTION	
925	YQ44246	SLIT WASHER	
928	LYH40270-001A	TU BRAKE ASSY	
929	YQ44246	SLIT WASHER	
930	LY43684-001A	TENSION CONTROL LEVER ASSY	
931	LY32861-001A	CENTER GEAR	
932	LY31516-001F	PINCH ROLLER ARM FINAL ASSY	
933	YQ44246	SLIT WASHER	
934	LY43681-001A	TENSION CONTROL PLATE ASSY	
935	LY43687-001A	BRAKE CONTROL LEVER ASSY	
936	LYH30421-001A	MOTOR BRACKET ASSY	
936A	QAR0138-001	LOADING MOTOR	
936B	LY41940-001A	TAPPING SCREW	(x2)
937	YQ43893	MINI SCREW	(x3)
938	LYH30422-001A	GUIDE RAIL ASSY	
939	YQ43893	MINI SCREW	
940	YQ44246	SLIT WASHER	(x2)
941	LY32843-001A	SLIDE LEVER2 ASSY	
942	LY43690-001A	LOADING PLATE ASSY	
943	YQ44246	SLIT WASHER	
944	LY32858-001A	EJECT LEVER	
945	YQ44246	SLIT WASHER	
946	LYH40271-001A	BASE R ASSY	
947	YQ43893	MINI SCREW	
948	LY41945-001B	MINI SCREW	
949	LY43665-001A	MODE GEAR	
950	QSW0876-003	ROTARY ENCODER	
951	YQ43893	MINI SCREW	(x2)
952	LY32860-001A	GEAR COVER ASSY	
953	YQ43893	MINI SCREW	(x2)
954	YQ43893-4	MINI SCREW	
955	LY43676-001A	MAIN CAM ASSY	
956	LY41941-001B	SLIDE ARM ASSY	
957	LY43678-001A	CONNECT GEAR 2	
958	LY41954-001C	SUB CAM ASSY	
959	LY42120-001A	MINI SCREW	
960	LY43692-001A	CONTROL ARM ASSY	
961	LY32859-001A	REEL GEAR 1	
962	LY31508-002B	DRUM BASE ASSY	
963	QYSPSPU1425M	SCREW	1.4mm x 2.5mm(x3)
964	QAR0142-001	CAPSTAN MOTOR	
965	YQ43893	MINI SCREW	
966	LY10367-001D	MAIN DECK ASSY	
976	YQ44246	SLIT WASHER	
977	YQ44246-6	SLIT WASHER	
978	LY42047-005A	WASHER	
979	LY43987-001B	SPACER	

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

△ REF No. PART No. PART NAME, DESCRIPTION

MAIN BOARD ASSEMBLY <01>

PW1	YB10426A-02	MAIN BOARD ASSY
IC1001	MN103S33NJG	IC(MICRO C ROM),MASK
IC1001	or MN103SF33NY4JG	IC(MICRO C ROM),FLASH
IC1002	MB90097PFV149-X	IC(MICRO C ROM),MB90099
IC1003	SN74AHC1G00K-X	IC
IC1004	NJU7108F3-X	IC
IC1005	25LC320X-I/ST-X	IC
IC1006	RS5C314-X	IC
IC1007	IC-PST3423U-X	IC
IC1007	or S-80823CNNB-X	IC
IC1601	BD6637KS	IC,MDA BD6637
IC1701	LM358DR2-X	IC,REELAMP5V
IC1702	BA10393F-XE	IC,REELSMT
IC1801	BA10358FVM-W	IC,IR AMP
IC1851	RPM7138	IR DETECT UNIT,IR
IC2101	AK4550VT-X	IC
IC2201	AK4564VQ	IC
IC3001	JCY0152	IC,JCY0152
IC3002	BU2501FV-X	IC
IC3005	JCY0136-X	IC,JCY0136-X
IC3501	JCY0132	IC
IC3502	SN74AHC1G04K-X	IC
IC3701	BA7665FS-X	IC
IC3731	MM1504XN-X	IC
IC3801	JCP8045	IC(DIGITAL)
IC4201	HD49340NP-X	IC,CDS/AD QFN
IC4202	MM1613AN-X	IC,REG 3V
IC4301	JCY0200	IC,CAM DSP
IC4302	R1160N151B-X	IC,REG 1.5V
IC5501	JCY0185	IC,TG/VDR
IC6001	S-80842CNNB-W	IC
IC6002	S-817A33ANB-W	IC
IC6003	R1224N102G-X	IC
IC6101	FA3698F	IC,SW_REG IC
IC6601	TC7W74FU-X	IC(DIGITAL)
IC6601	or TC7WH74FU-X	IC(DIGITAL)
IC6602	BA10358FVM-W	IC
IC8001	TMS320DSC24GHKL	IC,DSC24
IC8002	K4S643232F-TC60	IC,64MSDRAM
IC8002	or HY57643220CT55	IC,64MSDRAM
IC8002	or HY57643220CT7	IC,64MSDRAM
IC8003	MBV160TE90PBA08	IC(MICRO C ROM),16MFLASH
IC8004	BU2288FV-X	IC,FS PLL
IC8301	ISP1181ABS	IC,USBQNFμ2.6
IC8302	S-80842CNNB-W	IC
Q1001	DTA114EE-X	DIGI TRANSISTOR
Q1001	or PDTA114EE-X	DIGI TRANSISTOR
Q1001	or RN2102-X	DIGI TRANSISTOR
Q1002	UMC3N-W	DIGI TRANSISTOR
Q1003	UMC3N-W	DIGI TRANSISTOR
Q1004	UMC3N-W	DIGI TRANSISTOR
Q1005	DTC143XE-X	DIGI TRANSISTOR
Q1006	UMC3N-W	DIGI TRANSISTOR
Q1007	2SC4617/QR/-X	TRANSISTOR
Q1008	DTC124EE-X	DIGI TRANSISTOR
Q1008	or PDTC124EE-X	DIGI TRANSISTOR
Q1009	2SJ347-X	MOS FET
Q1010	DTC143EE-X	DIGI TRANSISTOR
Q1601	UMC3N-W	DIGI TRANSISTOR,LD ON

# △ REF No.	PART No.	PART NAME, DESCRIPTION
Q1801	RPM-22PB	PHOTO TRANSISTO
Q2401	2SC4617/QR/-X	TRANSISTOR
Q2403	2SC4617/QR/-X	TRANSISTOR
Q2801	UMX1N-W	PAIR TRANSISTOR
Q3001	2SC4617/RS/-X	TRANSISTOR
Q3002	2SC4617/RS/-X	TRANSISTOR
Q3701	UMT1N-W	PAIR TRANSISTOR
Q3701	or XP4401-W	TRANSISTOR
Q3702	UMZ1N-W	PAIR TRANSISTOR
Q3702	or XP4601-W	TRANSISTOR
Q3704	2SA1774/RS/-X	TRANSISTOR
Q3705	UMT1N-W	PAIR TRANSISTOR
Q3705	or XP4401-W	TRANSISTOR
Q3731	2SC4617/RS/-X	TRANSISTOR
Q3731	or 2SD2216J/RS/-X	TRANSISTOR
Q3732	DTC144EE-X	DIGI TRANSISTOR
Q3732	or UN9213J-X	DIGI TRANSISTOR
Q3732	or RN1104-X	DIGI TRANSISTOR
Q3732	or PDTC144EE-X	DIGI TRANSISTOR
Q3733	UMZ1N-W	PAIR TRANSISTOR
Q3733	or XP4601-W	TRANSISTOR
Q3734	2SC4617/RS/-X	TRANSISTOR
Q3734	or 2SD2216J/RS/-X	TRANSISTOR
Q3735	UMZ1N-W	PAIR TRANSISTOR
Q3735	or XP4601-W	TRANSISTOR
Q6001	DTC144EE-X	DIGI TRANSISTOR
Q6001	or RN1104-X	DIGI TRANSISTOR
Q6001	or PDTC144EE-X	DIGI TRANSISTOR
Q6001	or UN9213J-X	DIGI TRANSISTOR
Q6002	MCH6613-W	MOS FET
Q6003	FML9-W	TRANSISTOR
Q6201	QS6U24-W	MOS FET
Q6202	2SA1577/RS/-X	TRANSISTOR
Q6203	QS6U24-W	MOS FET
Q6204	QS6U24-W	MOS FET
Q6205	CPH3101-X	TRANSISTOR
Q6206	DTC124TE-X	DIGI TRANSISTOR
Q6206	or UN9210J-X	DIGI TRANSISTOR
Q6207	QS6U24-W	MOS FET
Q6208	QS6U24-W	MOS FET
Q6209	CPH3314-X	MOS FET
Q6210	HN1C01FU/G/-X	PAIR TRANSISTOR
Q6210	or PUMX1-W	PAIR TRANSISTOR
Q6210	or UMX1N-W	PAIR TRANSISTOR
Q6211	2SA1577/RS/-X	TRANSISTOR
Q6213	HN1A01FU/G/-X	PAIR TRANSISTOR
Q6213	or PUMT1-W	PAIR TRANSISTOR
Q6213	or UMT1N-W	PAIR TRANSISTOR
Q6214	2SC4617/RS/-X	TRANSISTOR
Q6601	DTC144EE-X	DIGI TRANSISTOR
Q6601	or RN1104-X	DIGI TRANSISTOR
Q6601	or UN9213J-X	DIGI TRANSISTOR
Q6601	or PDTC144EE-X	DIGI TRANSISTOR
Q6602	UMS1N-W	PAIR TRANSISTOR
Q6611	2SA1774/RS/-X	TRANSISTOR
Q6612	UMS1N-W	PAIR TRANSISTOR
Q6613	2SC4617/RS/-X	TRANSISTOR
Q6614	RN1702-X	DIGI TRANSISTOR
Q6615	UMC4N-W	DIGI TRANSISTOR
Q6701	CPH3314-X	MOS FET
Q8001	2SA1774/RS/-X	TRANSISTOR,2SA1774
D1001	DA221-X	SI DIODE
D1602	DAP222-X	SI DIODE,LD OUT

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

#	△ REF No.	PART No.	PART NAME, DESCRIPTION		#	△ REF No.	PART No.	PART NAME, DESCRIPTION	
		D1602	or MA132WA-X	SI DIODE			R1055	NRSA6AJ-334W	MG RESISTOR 330kΩ, 1/16W
		D1603	DAP222-X	SI DIODE, LD ON			R1056	NRSA6AJ-334W	MG RESISTOR 330kΩ, 1/16W
		D1603	or MA132WA-X	SI DIODE			R1057	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		D1604	DAP222-X	SI DIODE, C.ERR-3V			R1058	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		D1604	or MA132WA-X	SI DIODE			R1059	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		D1801	SML-711UW-X	LED, TALLY			R1060	NRSA6AJ-561W	MG RESISTOR 560Ω, 1/16W
		D2807	RSA6.1J4-W	SI DIODE			R1061	NRSA6AJ-561W	MG RESISTOR 560Ω, 1/16W
		D3001	EC2C01C-X	VARI CAP DIODE			R1062	NRSA6AJ-224W	MG RESISTOR 220kΩ, 1/16W
		D3002	EC2C01C-X	VARI CAP DIODE			R1063	NRSA6AJ-472W	MG RESISTOR 4.7kΩ, 1/16W
		D3003	EC2C01C-X	VARI CAP DIODE			R1064	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
		D3004	MA2Z720-X	SB DIODE			R1065	NRSA6AJ-153W	MG RESISTOR 15kΩ, 1/16W
		D5501	1SS355-X	SI DIODE			R1066	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
△		D6001	RB706D-40-X	SB DIODE			R1067	NRSA6AJ-334W	MG RESISTOR 330kΩ, 1/16W
△		D6002	RB715F-X	SB DIODE			R1068	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		D6201	RB480Y-W	SB DIODE			R1069	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W
		D6203	RB480Y-W	SB DIODE			R1070	NRSA6AJ-154W	MG RESISTOR 150kΩ, 1/16W
		D6701	EP10HY03-X	SB DIODE			R1071	NRSA6AJ-272W	MG RESISTOR 2.7kΩ, 1/16W
		D6702	EP10HY03-X	SB DIODE			R1072	NRSA6AJ-183W	MG RESISTOR 18kΩ, 1/16W
		D8301	1SS355-X	SI DIODE			R1073	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
		D8301	or MA111-X	SI DIODE			R1074	NRSA6AJ-472W	MG RESISTOR 4.7kΩ, 1/16W
		R1001	NRSA6AJ-105W	MG RESISTOR 1MΩ, 1/16W			R1075	NRSA6AJ-473W	MG RESISTOR 47kΩ, 1/16W
		R1002	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R1076	NRSA6AJ-473W	MG RESISTOR 47kΩ, 1/16W
		R1003	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R1077	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W
		R1006	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R1078	NRSA6AJ-393W	MG RESISTOR 39kΩ, 1/16W
		R1007	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R1079	NRSA6AJ-223W	MG RESISTOR 22kΩ, 1/16W
		R1008	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W			R1080	NRSA6AJ-822W	MG RESISTOR 8.2kΩ, 1/16W
		R1009	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W			R1081	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
		R1010	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R1082	NRSA6AJ-123W	MG RESISTOR 12kΩ, 1/16W
		R1012	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R1083	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		R1013	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R1084	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		R1014	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R1085	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		R1015	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R1086	NRSA6AJ-332W	MG RESISTOR 3.3kΩ, 1/16W
		R1016	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W			R1087	NRSA6AJ-332W	MG RESISTOR 3.3kΩ, 1/16W
		R1017	NRSA6AJ-474W	MG RESISTOR 470kΩ, 1/16W			R1088	NRSA6AJ-332W	MG RESISTOR 3.3kΩ, 1/16W
		R1018	NRSA6AJ-474W	MG RESISTOR 470kΩ, 1/16W			R1089	NRSA6AJ-332W	MG RESISTOR 3.3kΩ, 1/16W
		R1019	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R1090	NRSA6AJ-561W	MG RESISTOR 560Ω, 1/16W
		R1020	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R1091	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
		R1021	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R1092	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
		R1022	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R1093	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
		R1023	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R1094	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
		R1024	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R1095	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		R1025	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R1096	NRSA6AJ-332W	MG RESISTOR 3.3kΩ, 1/16W
		R1027	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R1097	NRSA6AJ-682W	MG RESISTOR 6.8kΩ, 1/16W
		R1030	NRSA6AJ-753W	MG RESISTOR 75kΩ, 1/16W			R1099	NRSA6AJ-223W	MG RESISTOR 22kΩ, 1/16W
		R1031	NRSA6AJ-334W	MG RESISTOR 330kΩ, 1/16W			R1601	NRSA6AJ-681W	MG RESISTOR 680Ω, 1/16W
		R1032	NRSA6AJ-332W	MG RESISTOR 3.3kΩ, 1/16W			R1602	NRSA6AJ-124W	MG RESISTOR 120kΩ, 1/16W
		R1033	NRSA6AJ-332W	MG RESISTOR 3.3kΩ, 1/16W			R1603	NRSA6AJ-472W	MG RESISTOR 4.7kΩ, 1/16W
		R1034	NRSA6AJ-332W	MG RESISTOR 3.3kΩ, 1/16W			R1604	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W
		R1035	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R1610	NRSA6AJ-471W	MG RESISTOR 470Ω, 1/16W
		R1037	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W			R1611	NRSA6AJ-471W	MG RESISTOR 470Ω, 1/16W
		R1039	NRSA6AJ-152W	MG RESISTOR 1.5kΩ, 1/16W			R1612	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W
		R1043	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R1613	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		R1044	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R1614	NRZ0072-R330X	MG RESISTOR 0.33Ω, 1/4WF
		R1045	NRSA6AJ-105W	MG RESISTOR 1MΩ, 1/16W			R1616	NRSA6AD-332W	MG RESISTOR 3.3kΩ, 1/16W
		R1046	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R1617	NRZ0072-R330X	MG RESISTOR 0.33Ω, 1/4WF
		R1047	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R1620	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
		R1048	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W			R1621	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
		R1049	NRSA6AJ-623W	MG RESISTOR 62kΩ, 1/16W			R1622	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
		R1050	NRSA6AJ-823W	MG RESISTOR 82kΩ, 1/16W			R1624	NRSA6AD-183W	MG RESISTOR 18kΩ, 1/16W
		R1051	NRSA6AJ-473W	MG RESISTOR 47kΩ, 1/16W			R1625	NRSA6AD-361W	MG RESISTOR 360Ω, 1/16W
		R1052	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R1629	NRSA6AJ-564W	MG RESISTOR 560kΩ, 1/16W
		R1053	NRSA6AJ-222W	MG RESISTOR 2.2kΩ, 1/16W			R1630	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R1054	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R1631	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

# △ REF No.	PART No.	PART NAME, DESCRIPTION	
R1635	NRSA6AJ-332W	MG RESISTOR	3.3kΩ, 1/16W
R1636	NRSA6AJ-123W	MG RESISTOR	12kΩ, 1/16W
R1637	NRSA6AJ-154W	MG RESISTOR	150kΩ, 1/16W
R1638	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R1639	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R1640	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R1641	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R1642	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R1648	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R1701	NRSA6AJ-823W	MG RESISTOR	82kΩ, 1/16W
R1702	NRSA6AJ-222W	MG RESISTOR	2.2kΩ, 1/16W
R1703	NRSA6AJ-222W	MG RESISTOR	2.2kΩ, 1/16W
R1704	NRSA6AJ-222W	MG RESISTOR	2.2kΩ, 1/16W
R1705	NRSA6AJ-222W	MG RESISTOR	2.2kΩ, 1/16W
R1706	NRSA6AJ-823W	MG RESISTOR	82kΩ, 1/16W
R1707	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R1708	NRSA6AJ-124W	MG RESISTOR	120kΩ, 1/16W
R1709	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R1710	NRSA6AJ-124W	MG RESISTOR	120kΩ, 1/16W
R1711	NRSA6AJ-102W	MG RESISTOR	1kΩ, 1/16W
R1712	NRSA6AJ-102W	MG RESISTOR	1kΩ, 1/16W
R1801	NRSA6AJ-105W	MG RESISTOR	1MΩ, 1/16W
R1802	NRSA6AJ-472W	MG RESISTOR	4.7kΩ, 1/16W
R1803	NRSA6AJ-333W	MG RESISTOR	33kΩ, 1/16W
R1804	NRSA6AJ-105W	MG RESISTOR	1MΩ, 1/16W
R1805	NRSA6AJ-472W	MG RESISTOR	4.7kΩ, 1/16W
R1806	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R1807	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R1808	NRSA6AJ-302W	MG RESISTOR	3kΩ, 1/16W
R1851	NRSA6AJ-470W	MG RESISTOR	47Ω, 1/16W
R2101	NRSA6AJ-471W	MG RESISTOR	470Ω, 1/16W
R2102	NRSA6AJ-471W	MG RESISTOR	470Ω, 1/16W
R2103	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R2201	NRSA6AJ-684W	MG RESISTOR	680kΩ, 1/16W
R2202	NRSA6AJ-564W	MG RESISTOR	560kΩ, 1/16W
R2203	NRSA6AJ-393W	MG RESISTOR	39kΩ, 1/16W
R2204	NRSA6AJ-154W	MG RESISTOR	150kΩ, 1/16W
R2206	NRSA6AJ-333W	MG RESISTOR	33kΩ, 1/16W
R2207	NRSA6AJ-333W	MG RESISTOR	33kΩ, 1/16W
R2208	NRSA6AJ-223W	MG RESISTOR	22kΩ, 1/16W
R2209	NRSA6AJ-223W	MG RESISTOR	22kΩ, 1/16W
R2212	NRSA6AJ-2R7W	MG RESISTOR	2.7Ω, 1/16W
R2213	NRSA6AJ-2R7W	MG RESISTOR	2.7Ω, 1/16W
R2217	NRSA6AJ-100W	MG RESISTOR	10Ω, 1/16W
R2225	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R2226	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R2227	NRSA6AJ-821W	MG RESISTOR	820Ω, 1/16W
R2228	NRSA6AJ-821W	MG RESISTOR	820Ω, 1/16W
R2229	NRSA6AJ-332W	MG RESISTOR	3.3kΩ, 1/16W
R2230	NRSA6AJ-332W	MG RESISTOR	3.3kΩ, 1/16W
R2401	NRSA6AJ-472W	MG RESISTOR	4.7kΩ, 1/16W
R2402	NRSA6AJ-472W	MG RESISTOR	4.7kΩ, 1/16W
R2403	NRSA6AJ-183W	MG RESISTOR	18kΩ, 1/16W
R2407	NRSA6AJ-100W	MG RESISTOR	10Ω, 1/16W
R2601	NRSA6AJ-272W	MG RESISTOR	2.7kΩ, 1/16W
R2602	NRSA6AJ-272W	MG RESISTOR	2.7kΩ, 1/16W
R2607	NRSA6AJ-223W	MG RESISTOR	22kΩ, 1/16W
R2608	NRSA6AJ-223W	MG RESISTOR	22kΩ, 1/16W
R2609	NRSA6AJ-224W	MG RESISTOR	220kΩ, 1/16W
R2610	NRSA6AJ-224W	MG RESISTOR	220kΩ, 1/16W
R2613	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R2614	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R2801	NRSA6AJ-821W	MG RESISTOR	820Ω, 1/16W

# △ REF No.	PART No.	PART NAME, DESCRIPTION	
R2802	NRSA6AJ-821W	MG RESISTOR	820Ω, 1/16W
R2803	NRSA6AJ-564W	MG RESISTOR	560kΩ, 1/16W
R2804	NRSA6AJ-564W	MG RESISTOR	560kΩ, 1/16W
R2805	NRSA6AJ-332W	MG RESISTOR	3.3kΩ, 1/16W
R2806	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R2807	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R2808	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R2809	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R2810	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R2812	NRSA63J-0R0X	MG RESISTOR	0Ω, 1/16W
R2813	NRSA63J-0R0X	MG RESISTOR	0Ω, 1/16W
R2814	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R3002	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R3004	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R3005	NRSA6AJ-100W	MG RESISTOR	10Ω, 1/16W
R3006	NRSA6AJ-100W	MG RESISTOR	10Ω, 1/16W
R3007	NRSA6AJ-562W	MG RESISTOR	5.6kΩ, 1/16W
R3008	NRSA6AJ-222W	MG RESISTOR	2.2kΩ, 1/16W
R3009	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R3010	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R3011	NRSA6AJ-224W	MG RESISTOR	220kΩ, 1/16W
R3013	NRSA6AJ-242W	MG RESISTOR	2.4kΩ, 1/16W
R3014	NRSA6AJ-392W	MG RESISTOR	3.9kΩ, 1/16W
R3015	NRSA6AJ-392W	MG RESISTOR	3.9kΩ, 1/16W
R3016	NRVA6AD-560W	CMF RESISTOR	56Ω, 1/16W
R3017	NRVA6AD-560W	CMF RESISTOR	56Ω, 1/16W
R3018	NRVA6AD-560W	CMF RESISTOR	56Ω, 1/16W
R3019	NRVA6AD-560W	CMF RESISTOR	56Ω, 1/16W
R3020	NRVA6AD-512W	CMF RESISTOR	5.1kΩ, 1/16W
R3021	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R3025	NRSA6AJ-102W	MG RESISTOR	1kΩ, 1/16W
R3027	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R3029	NRSA6AJ-822W	MG RESISTOR	8.2kΩ, 1/16W
R3030	NRSA6AJ-224W	MG RESISTOR	220kΩ, 1/16W
R3031	NRSA6AJ-224W	MG RESISTOR	220kΩ, 1/16W
R3032	NRSA6AJ-105W	MG RESISTOR	1MΩ, 1/16W
R3034	NRSA6AJ-222W	MG RESISTOR	2.2kΩ, 1/16W
R3036	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R3037	NRSA6AJ-681W	MG RESISTOR	680Ω, 1/16W
R3057	NRSA6AJ-100W	MG RESISTOR	10Ω, 1/16W
R3066	NRSA6AJ-561W	MG RESISTOR	560Ω, 1/16W
R3067	NRSA6AJ-561W	MG RESISTOR	560Ω, 1/16W
R3068	NRSA6AJ-181W	MG RESISTOR	180Ω, 1/16W
R3069	NRSA6AJ-472W	MG RESISTOR	4.7kΩ, 1/16W
R3071	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R3074	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R3501	NRSA6AJ-471W	MG RESISTOR	470Ω, 1/16W
R3502	NRSA6AJ-104W	MG RESISTOR	100kΩ, 1/16W
R3503	NRSA6AJ-102W	MG RESISTOR	1kΩ, 1/16W
R3504	NRSA6AD-241W	MG RESISTOR	240Ω, 1/16W
R3505	NRSA6AD-241W	MG RESISTOR	240Ω, 1/16W
R3506	NRSA6AD-241W	MG RESISTOR	240Ω, 1/16W
R3507	NRSA6AD-241W	MG RESISTOR	240Ω, 1/16W
R3508	NRSA6AJ-223W	MG RESISTOR	22kΩ, 1/16W
R3511	NRSA6AJ-101W	MG RESISTOR	100Ω, 1/16W
R3521	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R3522	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R3523	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R3524	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R3525	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R3526	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R3527	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R3701	NRSA6AD-271W	MG RESISTOR	270Ω, 1/16W

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

#	△ REF No.	PART No.	PART NAME, DESCRIPTION		#	△ REF No.	PART No.	PART NAME, DESCRIPTION	
		R3702	NRSA6AD-271W	MG RESISTOR 270Ω, 1/16W			R4329	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3703	NRSA6AJ-332W	MG RESISTOR 3.3kΩ, 1/16W			R4330	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3704	NRSA6AD-301W	MG RESISTOR 300Ω, 1/16W			R4331	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3705	NRSA6AD-301W	MG RESISTOR 300Ω, 1/16W			R4332	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3706	NRSA6AJ-332W	MG RESISTOR 3.3kΩ, 1/16W			R4333	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3707	NRSA6AD-680W	MG RESISTOR 68Ω, 1/16W			R4334	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3708	NRSA6AD-680W	MG RESISTOR 68Ω, 1/16W			R4335	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3709	NRSA6AD-680W	MG RESISTOR 68Ω, 1/16W			R4336	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3710	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R4337	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3711	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R4338	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3712	NRSA6AJ-105W	MG RESISTOR 1MΩ, 1/16W			R4339	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3713	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R4341	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3714	NRSA6AJ-823W	MG RESISTOR 82kΩ, 1/16W			R4342	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3715	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W			R4343	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3722	NRSA6AD-131W	MG RESISTOR 130Ω, 1/16W			R4345	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3724	NRSA6AJ-332W	MG RESISTOR 3.3kΩ, 1/16W			R4346	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3725	NRSA6AD-131W	MG RESISTOR 130Ω, 1/16W			R4348	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3726	NRSA6AJ-472W	MG RESISTOR 4.7kΩ, 1/16W			R4349	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3727	NRSA6AJ-472W	MG RESISTOR 4.7kΩ, 1/16W			R4350	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3728	NRVA6AD-131W	CMF RESISTOR 130Ω, 1/16W			R4351	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3730	NRSA6AJ-472W	MG RESISTOR 4.7kΩ, 1/16W			R4352	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3731	NRSA6AJ-472W	MG RESISTOR 4.7kΩ, 1/16W			R4353	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3732	NRSA6AJ-101W	MG RESISTOR 100Ω, 1/16W			R4354	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3733	NRSA6AD-561W	MG RESISTOR 560Ω, 1/16W			R4355	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3734	NRSA6AJ-822W	MG RESISTOR 8.2kΩ, 1/16W			R4356	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3735	NRSA6AD-182W	MG RESISTOR 1.8kΩ, 1/16W			R5503	NRSA6AJ-220W	MG RESISTOR 22Ω, 1/16W
		R3736	NRSA6AJ-183W	MG RESISTOR 18kΩ, 1/16W			R5504	NRSA6AJ-220W	MG RESISTOR 22Ω, 1/16W
		R3737	NRSA6AJ-183W	MG RESISTOR 18kΩ, 1/16W			R5505	NRSA6AJ-220W	MG RESISTOR 22Ω, 1/16W
		R3738	NRSA6AJ-681W	MG RESISTOR 680Ω, 1/16W			R5506	NRSA6AJ-100W	MG RESISTOR 10Ω, 1/16W
		R3739	NRSA6AJ-821W	MG RESISTOR 820Ω, 1/16W			R5507	NRSA6AJ-100W	MG RESISTOR 10Ω, 1/16W
		R3740	NRSA6AJ-821W	MG RESISTOR 820Ω, 1/16W			R5509	NRSA6AJ-470W	MG RESISTOR 47Ω, 1/16W
		R3741	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R5511	NRSA6AJ-470W	MG RESISTOR 47Ω, 1/16W
		R3742	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R5512	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		R3743	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W			R5513	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		R3744	NRSA6AD-561W	MG RESISTOR 560Ω, 1/16W			R5514	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		R3745	NRSA6AD-152W	MG RESISTOR 1.5kΩ, 1/16W			R6001	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W
		R3746	NRSA6AJ-222W	MG RESISTOR 2.2kΩ, 1/16W			R6002	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W
		R3747	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W			R6003	NRSA6AJ-224W	MG RESISTOR 220kΩ, 1/16W
		R3748	NRSA6AJ-474W	MG RESISTOR 470kΩ, 1/16W			R6004	NRSA6AJ-183W	MG RESISTOR 18kΩ, 1/16W
		R3801	NRSA6AJ-101W	MG RESISTOR 100Ω, 1/16W			R6005	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W
		R3802	NRSA6AD-821W	MG RESISTOR 820Ω, 1/16W	△		R6006	NRSA63J-471X	MG RESISTOR 470Ω, 1/16W
		R3803	NRSA6AD-273W	MG RESISTOR 27kΩ, 1/16W	△		R6007	NRSA63J-102X	MG RESISTOR 1kΩ, 1/16W
		R3804	NRSA6AD-153W	MG RESISTOR 15kΩ, 1/16W			R6008	NRSA6AJ-681W	MG RESISTOR 680Ω, 1/16W
		R3805	NRSA6AD-821W	MG RESISTOR 820Ω, 1/16W			R6009	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R3807	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R6010	NRSA6AD-513W	MG RESISTOR 51kΩ, 1/16W
		R4201	NRSA6AJ-333W	MG RESISTOR 33kΩ, 1/16W			R6012	NRSA6AD-243W	MG RESISTOR 24kΩ, 1/16W
		R4202	NRSA6AJ-470W	MG RESISTOR 47Ω, 1/16W			R6101	NRSA6AD-103W	MG RESISTOR 10kΩ, 1/16W
		R4206	NRSA6AJ-100W	MG RESISTOR 10Ω, 1/16W			R6102	NRSA6AJ-751W	MG RESISTOR 750Ω, 1/16W
		R4207	NRSA6AJ-100W	MG RESISTOR 10Ω, 1/16W			R6103	NRSA6AD-622W	MG RESISTOR 6.2kΩ, 1/16W
		R4301	NRSA6AJ-220W	MG RESISTOR 22Ω, 1/16W			R6104	NRSA6AJ-333W	MG RESISTOR 33kΩ, 1/16W
		R4303	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R6105	NRSA6AJ-562W	MG RESISTOR 5.6kΩ, 1/16W
		R4304	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R6106	NRSA6AJ-223W	MG RESISTOR 22kΩ, 1/16W
		R4306	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R6107	NRSA6AJ-153W	MG RESISTOR 15kΩ, 1/16W
		R4307	NRSA6AJ-470W	MG RESISTOR 47Ω, 1/16W			R6108	NRSA6AJ-823W	MG RESISTOR 82kΩ, 1/16W
		R4308	NRSA6AJ-470W	MG RESISTOR 47Ω, 1/16W			R6109	NRSA6AJ-823W	MG RESISTOR 82kΩ, 1/16W
		R4309	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R6110	NRSA6AD-153W	MG RESISTOR 15kΩ, 1/16W
		R4310	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R6111	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R4315	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R6112	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R4317	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R6113	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
		R4319	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R6201	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
		R4321	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R6202	NRSA6AD-223W	MG RESISTOR 22kΩ, 1/16W
		R4326	NRSA6AJ-470W	MG RESISTOR 47Ω, 1/16W			R6203	NRSA6AJ-474W	MG RESISTOR 470kΩ, 1/16W
		R4328	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W			R6204	NRSA6AD-103W	MG RESISTOR 10kΩ, 1/16W

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

# △ REF No.	PART No.	PART NAME, DESCRIPTION
R6205	NRSA6AJ-473W	MG RESISTOR 47kΩ, 1/16W
R6206	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
R6207	NRSA6AD-183W	MG RESISTOR 18kΩ, 1/16W
R6208	NRSA6AD-123W	MG RESISTOR 12kΩ, 1/16W
R6209	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R6210	NRSA6AD-123W	MG RESISTOR 12kΩ, 1/16W
R6211	NRSA6AD-153W	MG RESISTOR 15kΩ, 1/16W
R6212	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R6213	NRSA6AD-183W	MG RESISTOR 18kΩ, 1/16W
R6215	NRSA6AD-472W	MG RESISTOR 4.7kΩ, 1/16W
R6216	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R6217	NRSA6AJ-152W	MG RESISTOR 1.5kΩ, 1/16W
R6218	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R6219	NRSA6AD-243W	MG RESISTOR 24kΩ, 1/16W
R6220	NRSA6AD-302W	MG RESISTOR 3kΩ, 1/16W
R6221	NRSA6AD-104W	MG RESISTOR 100kΩ, 1/16W
R6222	NRSA6AD-123W	MG RESISTOR 12kΩ, 1/16W
R6223	NRSA6AD-103W	MG RESISTOR 10kΩ, 1/16W
R6224	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R6225	NRSA6AD-473W	MG RESISTOR 47kΩ, 1/16W
R6226	NRSA6AD-562W	MG RESISTOR 5.6kΩ, 1/16W
R6227	NRSA6AD-273W	MG RESISTOR 27kΩ, 1/16W
R6228	NRSA6AD-473W	MG RESISTOR 47kΩ, 1/16W
R6229	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R6230	NRSA6AJ-272W	MG RESISTOR 2.7kΩ, 1/16W
R6231	NRSA6AD-473W	MG RESISTOR 47kΩ, 1/16W
R6232	NRSA6AD-332W	MG RESISTOR 3.3kΩ, 1/16W
R6233	NRSA6AD-104W	MG RESISTOR 100kΩ, 1/16W
R6234	NRSA6AD-473W	MG RESISTOR 47kΩ, 1/16W
R6235	NRSA6AJ-273W	MG RESISTOR 27kΩ, 1/16W
R6236	NRSA6AJ-822W	MG RESISTOR 8.2kΩ, 1/16W
R6237	NRSA6AD-473W	MG RESISTOR 47kΩ, 1/16W
R6238	NRSA6AD-683W	MG RESISTOR 68kΩ, 1/16W
R6241	NRSA6AD-753W	MG RESISTOR 75kΩ, 1/16W
R6242	NRSA6AD-104W	MG RESISTOR 100kΩ, 1/16W
R6243	NRSA6AJ-333W	MG RESISTOR 33kΩ, 1/16W
R6244	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R6245	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
R6601	NRSA6AJ-822W	MG RESISTOR 8.2kΩ, 1/16W
R6603	NRVA6AD-683W	CMF RESISTOR 68kΩ, 1/16W
R6604	NRVA6AD-104W	CMF RESISTOR 100kΩ, 1/16W
R6605	NRSA6AJ-184W	MG RESISTOR 180kΩ, 1/16W
R6606	NRSA6AJ-823W	MG RESISTOR 82kΩ, 1/16W
R6611	NRSA6AJ-335W	MG RESISTOR 3.3MΩ, 1/16W
R6612	NRSA6AJ-474W	MG RESISTOR 470kΩ, 1/16W
R6613	NRSA6AJ-473W	MG RESISTOR 47kΩ, 1/16W
R6614	NRSA6AJ-473W	MG RESISTOR 47kΩ, 1/16W
R6615	NRSA6AJ-684W	MG RESISTOR 680kΩ, 1/16W
R6618	NRSA6AJ-154W	MG RESISTOR 150kΩ, 1/16W
R6619	NRSA6AJ-333W	MG RESISTOR 33kΩ, 1/16W
R6620	NRSA6AJ-104W	MG RESISTOR 100kΩ, 1/16W
R6621	NRSA6AJ-563W	MG RESISTOR 56kΩ, 1/16W
R6623	NRSA6AJ-105W	MG RESISTOR 1MΩ, 1/16W
R6701	NRZ0058-R20X	MG RESISTOR 0.2Ω, 1/2W
R6702	NRSA6AD-104W	MG RESISTOR 100kΩ, 1/16W
R6703	NRSA6AD-123W	MG RESISTOR 12kΩ, 1/16W
R6704	NRSA6AD-823W	MG RESISTOR 82kΩ, 1/16W
R6705	NRSA6AD-333W	MG RESISTOR 33kΩ, 1/16W
R8001	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R8002	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R8003	NRSA6AJ-220W	MG RESISTOR 22Ω, 1/16W
R8004	NRSA6AJ-220W	MG RESISTOR 22Ω, 1/16W
R8005	NRSA6AJ-220W	MG RESISTOR 22Ω, 1/16W

# △ REF No.	PART No.	PART NAME, DESCRIPTION
R8007	NRSA6AJ-102W	MG RESISTOR 1kΩ, 1/16W
R8008	NRSA6AJ-561W	MG RESISTOR 560Ω, 1/16W
R8009	NRSA6AJ-105W	MG RESISTOR 1MΩ, 1/16W
R8011	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R8012	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R8013	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R8014	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R8016	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R8017	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R8019	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R8021	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R8022	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R8023	NRSA6AJ-472W	MG RESISTOR 4.7kΩ, 1/16W
R8025	NRSA6AJ-472W	MG RESISTOR 4.7kΩ, 1/16W
R8027	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R8028	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R8029	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R8030	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R8031	NRSA6AJ-100W	MG RESISTOR 10Ω, 1/16W
R8032	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R8033	NRSA63J-0R0X	MG RESISTOR 0Ω, 1/16W
R8036	NRSA6AJ-220W	MG RESISTOR 22Ω, 1/16W
R8302	NRS181J-220X	MG RESISTOR 22Ω, 1/8W
R8303	NRS181J-220X	MG RESISTOR 22Ω, 1/8W
R8305	NRSA6AJ-105W	MG RESISTOR 1MΩ, 1/16W
R8306	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R8307	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R8308	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R8309	NRSA6AJ-103W	MG RESISTOR 10kΩ, 1/16W
R8310	NRSA6AJ-153W	MG RESISTOR 15kΩ, 1/16W
R8311	NRSA6AJ-473W	MG RESISTOR 47kΩ, 1/16W
R8313	NRSA6AJ-0R0W	MG RESISTOR 0Ω, 1/16W
R8314	NRSA6AJ-105W	MG RESISTOR 1MΩ, 1/16W
R8315	NRSA6AJ-105W	MG RESISTOR 1MΩ, 1/16W
RA1001	NRZ0034-473W	NET RESISTOR
RA1002	NRZ0034-104W	NET RESISTOR 100kΩ
RA1003	NRZ0034-104W	NET RESISTOR 100kΩ
RA1004	NRZ0034-104W	NET RESISTOR 100kΩ
RA1005	NRZ0034-103W	NET RESISTOR 10kΩ, 1/32W
RA1006	NRZ0034-102W	NET RESISTOR
RA1007	NRZ0034-102W	NET RESISTOR
RA1008	NRZ0034-104W	NET RESISTOR 100kΩ
RA3001	NRZ0034-560W	NET RESISTOR
RA3002	NRZ0034-560W	NET RESISTOR
RA3003	NRZ0034-100W	NET RESISTOR 10Ω
RA3004	NRZ0034-103W	NET RESISTOR 10kΩ, 1/32W
RA3005	NRZ0040-0R0X	NET RESISTOR,3216
RA4201	NRZ0034-100W	NET RESISTOR,(1005*4) 10Ω
RA4202	NRZ0034-100W	NET RESISTOR,(1005*4) 10Ω
RA4301	NRZ0034-101W	NET RESISTOR,(1005*4)
RA4302	NRZ0034-101W	NET RESISTOR,(1005*4)
RA4303	NRZ0034-101W	NET RESISTOR,(1005*4)
RA4304	NRZ0034-101W	NET RESISTOR,(1005*4)
RA4305	NRZ0034-100W	NET RESISTOR,(1005*4) 10Ω
RA4306	NRZ0034-100W	NET RESISTOR,(1005*4) 10Ω
RA4307	NRZ0034-100W	NET RESISTOR,(1005*4) 10Ω
RA4308	NRZ0034-100W	NET RESISTOR,(1005*4) 10Ω
RA8001	NRZ0034-101W	NET RESISTOR,(1005X4)
RA8002	NRZ0034-101W	NET RESISTOR,(1005X4)
RA8003	NRZ0034-101W	NET RESISTOR,(1005X4)
RA8004	NRZ0034-101W	NET RESISTOR,(1005X4)
C1001	NDCA1HJ-8R0W	C CAPACITOR 8pF,50V
C1002	NDCA1HJ-100W	C CAPACITOR 10pF,50V

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

# △ REF No.	PART No.	PART NAME, DESCRIPTION		# △ REF No.	PART No.	PART NAME, DESCRIPTION	
C1004	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C1633	NCB21CK-474X	C CAPACITOR	0.47μF,16V
C1005	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C1641	NCB21CK-474X	C CAPACITOR	0.47μF,16V
C1007	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C1701	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1008	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C1702	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1009	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C1801	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C1010	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C1802	NBE20JM-226X	TA E CAPACITOR	22μF,6.3V
C1011	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C1803	NCBA1CK-223W	C CAPACITOR	0.022μF,16V
C1012	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C1804	NCBA1CK-223W	C CAPACITOR	0.022μF,16V
C1013	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C1805	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V
C1014	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C1806	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1015	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C1807	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1019	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2101	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1020	NCBA1EK-682W	C CAPACITOR	0.0068μF,25V	C2102	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1021	NCBA1EK-682W	C CAPACITOR	0.0068μF,25V	C2103	NCBA1HK-222W	C CAPACITOR	0.0022μF,50V
C1022	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2104	NCBA1HK-222W	C CAPACITOR	0.0022μF,50V
C1024	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2105	NBZ0015-106X	TA E CAPACITOR	10μF,6.3V
C1025	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2106	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1029	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2107	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1030	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V	C2108	NBE20JM-475X	TA E CAPACITOR	4.7μF,6.3V
C1032	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2201	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1035	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2202	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1036	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C2203	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1037	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2204	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1038	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2205	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1039	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2209	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1040	NDCA1HJ-100W	C CAPACITOR	10pF,50V	C2210	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1041	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C2211	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1042	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C2212	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1043	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C2213	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1044	NDCA1HJ-470W	C CAPACITOR	47pF,50V	C2214	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1045	NDCA1HJ-470W	C CAPACITOR	47pF,50V	C2215	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1046	NCF31AZ-105X	C CAPACITOR	1μF,10V	C2216	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1047	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2217	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1048	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2218	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1049	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2223	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1050	NCFA1HZ-103W	C CAPACITOR	0.01μF,50V	C2224	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1051	NCB31CK-223X	C CAPACITOR	0.022μF,16V	C2401	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V
C1052	NCB31CK-223X	C CAPACITOR	0.022μF,16V	C2402	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V
C1053	NCB31CK-223X	C CAPACITOR	0.022μF,16V	C2403	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V
C1054	NCB31CK-223X	C CAPACITOR	0.022μF,16V	C2404	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V
C1055	NCFA1AZ-104W	C CAPACITOR	0.1μF,10V	C2405	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C1064	NBE20JM-226X	TA E CAPACITOR	22μF,6.3V	C2406	NBZ0015-106X	TA E CAPACITOR	10μF,6.3V
C1601	NCBA1CK-103W	C CAPACITOR	0.01μF,16V	C2603	NCBA1CK-153W	C CAPACITOR	0.015μF,16V
C1602	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V	C2604	NCBA1CK-153W	C CAPACITOR	0.015μF,16V
C1603	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V	C2605	NCBA1EK-472W	C CAPACITOR	0.0047μF,25V
C1605	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	C2606	NCBA1EK-472W	C CAPACITOR	0.0047μF,25V
C1606	NCBA1HK-152W	C CAPACITOR	0.0015μF,50V	C2607	NCBA1HK-102W	C CAPACITOR	0.001μF,50V
C1607	NCBA1CK-473W	C CAPACITOR	0.047μF,16V	C2608	NCBA1HK-102W	C CAPACITOR	0.001μF,50V
C1614	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V	C2609	NCBA1HK-102W	C CAPACITOR	0.001μF,50V
C1618	NCBA1HK-222W	C CAPACITOR	0.0022μF,50V	C2610	NCBA1HK-102W	C CAPACITOR	0.001μF,50V
C1619	NCBA1HK-222W	C CAPACITOR	0.0022μF,50V	C2611	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1620	NCBA1HK-222W	C CAPACITOR	0.0022μF,50V	C2612	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1621	NCB30JK-105X	C CAPACITOR	1μF,6.3V	C2613	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1622	NCBA1CK-223W	C CAPACITOR	0.022μF,16V	C2614	NDCA1HJ-101W	C CAPACITOR	100pF,50V
C1623	NCBA1AK-473W	C CAPACITOR	0.047μF,10V	C2615	NDCA1HJ-101W	C CAPACITOR	100pF,50V
C1624	NCBA1CK-103W	C CAPACITOR	0.01μF,16V	C2617	NCBA1CK-223W	C CAPACITOR	0.022μF,16V
C1625	NCSA1HJ-101W	C CAPACITOR	100pF,50V	C2618	NCBA1CK-223W	C CAPACITOR	0.022μF,16V
C1626	NCBA1CK-822W	C CAPACITOR	0.0082μF,16V	C2801	NCB31HK-472X	C CAPACITOR	0.0047μF,50V
C1627	NCBA1CK-822W	C CAPACITOR	0.0082μF,16V	C2802	NCB31HK-472X	C CAPACITOR	0.0047μF,50V
C1628	NCB21CK-224X	C CAPACITOR	0.22μF,16V	C3001	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V
C1629	NBP41DM-106X	TA E CAPACITOR	10μF,20V	C3003	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C1630	NCB21CK-334X	C CAPACITOR	0.33μF,16V	C3005	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V
C1632	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V	C3006	NCB30JK-105X	C CAPACITOR	1μF,6.3V

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

# △ REF No.	PART No.	PART NAME, DESCRIPTION	
C3007	NBE20GM-476X	TA E CAPACITOR	47μF,4V
C3008	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V
C3009	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C3011	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3012	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3013	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3015	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3016	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3017	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3020	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3021	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3022	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3023	NDCA1HJ-330W	C CAPACITOR	33pF,50V
C3024	NCBA1HK-102W	C CAPACITOR	0.001μF,50V
C3025	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3026	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C3027	NCBA1EK-472W	C CAPACITOR	0.0047μF,25V
C3028	NDCA1EJ-271W	C CAPACITOR	270pF,25V
C3029	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3030	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3031	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3032	NCBA1HK-102W	C CAPACITOR	0.001μF,50V
C3033	NDCA1HJ-220W	C CAPACITOR	22pF,50V
C3036	NDCA1HJ-8R0W	C CAPACITOR	8pF,50V
C3037	NDCA1HJ-8R0W	C CAPACITOR	8pF,50V
C3038	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3039	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3042	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3043	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3044	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3045	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3046	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3047	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3048	NCB31CK-473X	C CAPACITOR	0.047μF,16V
C3049	NCBA1HK-222W	C CAPACITOR	0.0022μF,50V
C3050	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3055	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3059	NBE20GM-226X	TA E CAPACITOR	22μF,4V
C3060	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3064	NCBA1HK-102W	C CAPACITOR	0.001μF,50V
C3066	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C3067	NCBA1HK-102W	C CAPACITOR	0.001μF,50V
C3069	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3501	NBZ0015-106X	TA E CAPACITOR	10μF,6.3V
C3502	NBZ0015-106X	TA E CAPACITOR	10μF,6.3V
C3503	NBZ0015-106X	TA E CAPACITOR	10μF,6.3V
C3504	NCBA1AK-473W	C CAPACITOR	0.047μF,10V
C3505	NCBA1CK-223W	C CAPACITOR	0.022μF,16V
C3506	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C3507	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3508	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3509	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3510	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3511	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3512	NCB31CK-104X	C CAPACITOR	0.1μF,16V
C3513	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3514	NCBA1AK-473W	C CAPACITOR	0.047μF,10V
C3515	NCBA1AK-473W	C CAPACITOR	0.047μF,10V
C3516	NCBA1AK-473W	C CAPACITOR	0.047μF,10V
C3517	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3518	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3519	NCBA1HK-102W	C CAPACITOR	0.001μF,50V
C3520	NCBA1CK-103W	C CAPACITOR	0.01μF,16V

# △ REF No.	PART No.	PART NAME, DESCRIPTION	
C3521	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3522	NCB20JM-475X	C CAPACITOR	4.7μF,6.3V
C3523	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3524	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3525	NCB20JM-475X	C CAPACITOR	4.7μF,6.3V
C3526	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3527	NDCA1EJ-221W	C CAPACITOR	220pF,25V
C3528	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3701	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V
C3702	NDCA1HJ-560W	C CAPACITOR	56pF,50V
C3703	NDCA1HJ-270W	C CAPACITOR	27pF,50V
C3704	NDCA1HJ-680W	C CAPACITOR	68pF,50V
C3705	NDCA1HJ-270W	C CAPACITOR	27pF,50V
C3706	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C3707	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3708	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3709	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3710	NBE20GM-226X	TA E CAPACITOR	22μF,4V
C3711	NBE20GM-226X	TA E CAPACITOR	22μF,4V
C3712	NBE40GM-107X	TA E CAPACITOR	100μF,4V
C3713	NBE20GM-107X	TA E CAPACITOR	100μF,4V
C3715	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3731	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3732	NCBA1HK-102W	C CAPACITOR	0.001μF,50V
C3733	NDCA1HJ-3R0W	C CAPACITOR	3pF,50V
C3734	NDCA1HJ-5R0W	C CAPACITOR	5pF,50V
C3735	NDCA1HJ-330W	C CAPACITOR	33pF,50V
C3736	NCBA1HK-102W	C CAPACITOR	0.001μF,50V
C3738	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3739	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3740	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C3741	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C3742	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3743	NDCA1HJ-3R0W	C CAPACITOR	3pF,50V
C3744	NDCA1HJ-5R0W	C CAPACITOR	5pF,50V
C3745	NDCA1HJ-330W	C CAPACITOR	33pF,50V
C3746	NCB20JM-475X	C CAPACITOR	4.7μF,6.3V
C3747	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3801	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C3802	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C3803	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V
C3804	NBE20GM-476X	TA E CAPACITOR	47μF,4V
C3805	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3806	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3807	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3808	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3809	NCB31CK-104X	C CAPACITOR	0.1μF,16V
C3810	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3811	NCB31CK-104X	C CAPACITOR	0.1μF,16V
C3812	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3813	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3814	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C3815	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3816	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3817	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3818	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C3819	NCBA1CK-103W	C CAPACITOR	0.01μF,16V
C4202	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C4203	NCB21AK-105X	C CAPACITOR	1μF,10V
C4204	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C4205	NCBA1AK-104W	C CAPACITOR	0.1μF,10V
C4206	NCB21CK-105X	C CAPACITOR	1μF,16V
C4207	NCBA1AK-104W	C CAPACITOR	0.1μF,10V

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

# △ REF No.	PART No.	PART NAME, DESCRIPTION	# △ REF No.	PART No.	PART NAME, DESCRIPTION
C4208	NCB30JK-105X	C CAPACITOR 1μF,6.3V	C6116	NCBA1AK-104W	C CAPACITOR 0.1μF,10V
C4209	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6117	NCBA1AK-333W	C CAPACITOR 0.033μF,10V
C4210	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6118	NCBA1HK-561W	C CAPACITOR 560pF,50V
C4211	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6119	NCBA1HK-272W	C CAPACITOR 0.0027μF,50V
C4212	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6120	NCBA1HK-561W	C CAPACITOR 560pF,50V
C4213	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6121	NCBA1CK-103W	C CAPACITOR 0.01μF,16V
C4214	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6123	NCBA1AK-104W	C CAPACITOR 0.1μF,10V
C4216	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6124	NCBA1AK-104W	C CAPACITOR 0.1μF,10V
C4217	NCB21AK-105X	C CAPACITOR 1μF,10V	C6125	NDCA1HJ-101W	C CAPACITOR 100pF,50V
C4301	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6126	NCB31CK-473X	C CAPACITOR 0.047μF,16V
C4302	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6127	NCBA1AK-104W	C CAPACITOR 0.1μF,10V
C4303	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6128	NCBA1AK-473W	C CAPACITOR 0.047μF,10V
C4304	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6129	NCBA1CK-103W	C CAPACITOR 0.01μF,16V
C4305	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6130	NCBA1CK-103W	C CAPACITOR 0.01μF,16V
C4306	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6131	NCBA1CK-103W	C CAPACITOR 0.01μF,16V
C4307	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6132	NCBA1CK-103W	C CAPACITOR 0.01μF,16V
C4308	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6133	NCBA1HK-102W	C CAPACITOR 0.001μF,50V
C4309	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6134	NCB21CK-105X	C CAPACITOR 1μF,16V
C4310	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6201	NCB21CK-105X	C CAPACITOR 1μF,16V
C4311	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6202	NCB10JK-106X	C CAPACITOR 10μF,6.3V
C4312	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6203	NCBA1HK-102W	C CAPACITOR 0.001μF,50V
C4313	NBE20JM-106X	TA E CAPACITOR 10μF,6.3V	C6204	NCBA1HK-561W	C CAPACITOR 560pF,50V
C4314	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6205	NCB30JK-105X	C CAPACITOR 1μF,6.3V
C4315	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6206	NCB21CK-105X	C CAPACITOR 1μF,16V
C4316	NCBA1CK-103W	C CAPACITOR 0.01μF,16V	C6207	NCB10JK-106X	C CAPACITOR 10μF,6.3V
C4317	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6208	NCBA1EK-472W	C CAPACITOR 0.0047μF,25V
C5501	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6209	NCB21CK-105X	C CAPACITOR 1μF,16V
C5503	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6210	NCB10JK-106X	C CAPACITOR 10μF,6.3V
C5504	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6211	NCBA1HK-102W	C CAPACITOR 0.001μF,50V
C5506	NBE40GM-476X	TA E CAPACITOR 47μF,4.0V	C6212	NCB21CK-105X	C CAPACITOR 1μF,16V
C5507	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6213	NCB30JK-105X	C CAPACITOR 1μF,6.3V
C5508	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6214	NCBA1AK-683W	C CAPACITOR 0.068μF,10V
C5509	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6215	NCB21CK-105X	C CAPACITOR 1μF,16V
C5510	NBP21VM-105X	TA E CAPACITOR 1μF,35V	C6216	NCB30JK-105X	C CAPACITOR 1μF,6.3V
C5511	NBP21DM-475X	TA E CAPACITOR 4.7μF,20V	C6217	NCB21CK-105X	C CAPACITOR 1μF,16V
C5512	NBE21AM-106X	TA E CAPACITOR 10μF,10V	C6218	NCB21CK-105X	C CAPACITOR 1μF,16V
C5513	NCB31CK-104X	C CAPACITOR 0.1μF,16V	C6219	NCB11EK-105X	C CAPACITOR 1μF,25V
C5514	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6220	NCB21CK-105X	C CAPACITOR 1μF,16V
C5515	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6222	NCBA1CK-103W	C CAPACITOR 0.01μF,16V
C5516	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6223	NCB21CK-105X	C CAPACITOR 1μF,16V
C5517	NCB31CK-104X	C CAPACITOR 0.1μF,16V	C6224	NCB11EK-105X	C CAPACITOR 1μF,25V
C5518	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6225	NCB21CK-105X	C CAPACITOR 1μF,16V
C5519	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6226	NCB21CK-105X	C CAPACITOR 1μF,16V
C6001	NCB31EK-103X	C CAPACITOR 0.01μF,25V	C6601	NCBA1CK-103W	C CAPACITOR 0.01μF,16V
C6002	NCB31CK-104X	C CAPACITOR 0.1μF,16V	C6602	NCB21CK-105X	C CAPACITOR 1μF,16V
C6003	NBZ0015-106X	TA E CAPACITOR 10μF,6.3V	C6603	NCBA1HK-102W	C CAPACITOR 0.001μF,50V
C6004	NCB21CK-105X	C CAPACITOR 1μF,16V	C6604	NCBA1AK-473W	C CAPACITOR 0.047μF,10V
C6005	NBE20JM-226X	TA E CAPACITOR 22μF,6.3V	C6611	NCBA1HK-332W	C CAPACITOR 0.0033μF,50V
C6008	NDCA1HJ-151W	C CAPACITOR 150pF,50V	C6612	NDCA1EJ-221W	C CAPACITOR 220pF,25V
C6101	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6613	NDCA1EJ-121W	C CAPACITOR 120pF,25V
C6103	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C6614	NCBA1CK-103W	C CAPACITOR 0.01μF,16V
C6104	NCBA1CK-223W	C CAPACITOR 0.022μF,16V	C6701	NCB21CK-105X	C CAPACITOR 1μF,16V
C6105	NCB21CK-105X	C CAPACITOR 1μF,16V	C6702	NCB21CK-105X	C CAPACITOR 1μF,16V
C6106	NBP41DM-106X	TA E CAPACITOR 10μF,20V	C8001	NBE20JM-106X	TA E CAPACITOR 10μF,6.3V
C6107	NCB21CK-105X	C CAPACITOR 1μF,16V	C8002	NBE20JM-106X	TA E CAPACITOR 10μF,6.3V
C6108	NCB21CK-105X	C CAPACITOR 1μF,16V	C8003	NCBA1AK-104W	C CAPACITOR 0.1μF,10V
C6109	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C8004	NCBA1AK-104W	C CAPACITOR 0.1μF,10V
C6110	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C8005	NCBA1AK-104W	C CAPACITOR 0.1μF,10V
C6111	NCB30JK-105X	C CAPACITOR 1μF,6.3V	C8006	NCBA1AK-104W	C CAPACITOR 0.1μF,10V
C6112	NCB30JK-105X	C CAPACITOR 1μF,6.3V	C8007	NCBA1AK-104W	C CAPACITOR 0.1μF,10V
C6113	NCB30JK-105X	C CAPACITOR 1μF,6.3V	C8008	NCBA1AK-104W	C CAPACITOR 0.1μF,10V
C6114	NCB30JK-105X	C CAPACITOR 1μF,6.3V	C8009	NCBA1AK-104W	C CAPACITOR 0.1μF,10V
C6115	NCBA1AK-104W	C CAPACITOR 0.1μF,10V	C8010	NCBA1AK-104W	C CAPACITOR 0.1μF,10V

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

# △ REF No.	PART No.	PART NAME, DESCRIPTION		# △ REF No.	PART No.	PART NAME, DESCRIPTION	
C8011	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V	L5505	NQL315K-100X	INDUCTOR	10μH
C8012	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L5506	NQL315K-100X	INDUCTOR	10μH
C8013	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L6001	NQL62EM-470X	INDUCTOR	47μH
C8014	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L6101	NQLZ011-4R7X	INDUCTOR	4.7μH
C8015	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L6102	NQLZ011-4R7X	INDUCTOR	4.7μH
C8016	NCB30JK-105X	C CAPACITOR	1μF,6.3V	L6201	NQLZ010-390X	INDUCTOR	39μH
C8017	NCBA1CK-103W	C CAPACITOR	0.01μF,16V	L6202	NQLZ011-390X	INDUCTOR	39μH
C8018	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L6203	NQLZ011-390X	INDUCTOR	39μH
C8021	NCBA1CK-103W	C CAPACITOR	0.01μF,16V	L6204	NQL144K-220X	P COIL	22μH
C8022	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V	L6205	NQL62EM-470X	INDUCTOR	47μH
C8023	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L6206	NQL62EM-470X	INDUCTOR	47μH
C8024	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L6207	NQLZ011-221X	INDUCTOR	220μH
C8025	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V	L6601	NQR0006-001X	FERRITE BEADS	
C8026	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L6602	NQR0129-002X	FERRITE BEADS	
C8034	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L6701	NQL52EM-100X	INDUCTOR	10μH
C8301	NBZ0015-106X	TA E CAPACITOR	10μF,6.3V	L8001	NQR0129-002X	FERRITE BEADS	
C8305	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L8002	NQR0129-002X	FERRITE BEADS	
C8306	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L8003	NQR0129-002X	FERRITE BEADS	
C8307	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L8004	NQR0006-001X	FERRITE BEADS	
C8310	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L8005	NQR0129-002X	FERRITE BEADS	
C8311	NCBA1AK-104W	C CAPACITOR	0.1μF,10V	L8006	NQR0006-001X	FERRITE BEADS	
L1001	NQL402M-100X	INDUCTOR	10μH	L8301	NQR0129-002X	FERRITE BEADS	
L1002	NQL402M-100X	INDUCTOR	10μH	X1001	NAX0578-001X	CRYSTAL	20MHz
L1801	NQL402M-100X	INDUCTOR	10μH	X1002	NAX0564-001X	CRYSTAL	
L2101	NQL402M-100X	INDUCTOR	10μH	X3002	NAX0480-001X	CRYSTAL	24.576MHz
L2401	NQL402M-100X	INDUCTOR	10μH	X5501	NAX0587-001X	CXO,54MHz 5*3	
L2402	NQL402M-100X	INDUCTOR	10μH	X8301	NAX0612-001X	C RESONATOR	6MHz
L2601	NRSA63J-0R0X	MG RESISTOR	0Ω, 1/16W	TH6601	NRSA63J-0R0X	MG RESISTOR,1608	0Ω, 1/16W
L2602	NRSA63J-0R0X	MG RESISTOR	0Ω, 1/16W	J101	QNZ0518-002	D CONNECTOR,DV	
L2603	NRSA63J-0R0X	MG RESISTOR	0Ω, 1/16W	J102	QNZ0617-001	USB CONNECTOR,USB	
L2801	NQR0251-004X	FERRITE BEADS		J103	NNZ0088-001X	M CONNECTOR,MULTI	
L2802	NQR0251-004X	FERRITE BEADS		J104	QNA0035-001	DC JACK,DC JACK	
L2803	NRSA63J-0R0X	MG RESISTOR	0Ω, 1/16W	SD1	LY33355-001A	SHIELD CASE(PR),PRE/REC	
L2804	NRSA63J-0R0X	MG RESISTOR	0Ω, 1/16W	BK1	LY44288-001A	BRACKET(MULTI),FOR J103	
L2805	NRSA63J-0R0X	MG RESISTOR	0Ω, 1/16W	OT1	LY30030-099A	SPACER(A)	
L3001	NQR0129-002X	FERRITE BEADS		OT2	LY30030-0A2A	SPACER(A)	
L3002	NQR0129-002X	FERRITE BEADS		OT3	LY30030-0A3A	SPACER(A)	
L3004	NQR0006-001X	FERRITE BEADS		OT4	LY30030-0A4A	SPACER(A)	
L3005	NQR0006-001X	FERRITE BEADS		OT5	LY30030-0A5A	SPACER(A)	
L3007	NQL085J-2R2X	INDUCTOR	2.2μH	OT6	LY44243-001A	SHEET(PWB),B TO B	
L3008	NQL085J-120X	INDUCTOR	12μH	OT7	LY30030-0F6A	SPACER(A)	
L3012	NQR0129-002X	FERRITE BEADS		OT8	LY30030-0M3A	SPACER(A),FOR J103	
L3014	NQL38DK-100X	P COIL	10μH	CN101	QGF0530F1-17W	FPC CONNE,BATT.TERM.	
L3015	NQR0006-001X	FERRITE BEADS		CN102	QGF0532F1-20X	FFC/FPC CONNE,CCD	
L3501	NQR0129-002X	FERRITE BEADS		CN103	QGF0517F1-06X	FPC CONNE,LOAD.MOTOR	
L3502	NQL402M-100X	INDUCTOR	10μH	CN104	QGF0517F2-11X	FPC CONNE,DRUM MOTOR	
L3503	NQR0006-001X	FERRITE BEADS		CN105	QGB0509M3-30X	B TO B CONNE,JIG CN	
L3504	NQR0006-001X	FERRITE BEADS		CN106	QGF0517F2-16X	FPC CONNE,SENSOR	FPC(1-16)
L3505	NQR0006-001X	FERRITE BEADS		CN107	QGF0517F2-06X	FPC CONNE,R.ENC	
L3701	NQL38DK-100X	P COIL	10μH	CN108	QGF0517F2-18X	FPC CONNE,CAPSTAN	
L3731	NQL085J-6R8X	INDUCTOR	6.8μH	CN109	QGB0405L1-60X	B TO B CONNE,SD PWB	
L3732	NQL085J-6R8X	INDUCTOR	6.8μH	CN110	QGF0517F1-08X	FPC CONNE,HEAD	FFC/FPC(1-8)
L3801	NQR0129-002X	FERRITE BEADS		CN111	QGF0517F2-11X	FPC CONNE,CAMERA OPE	
L3802	NQR0129-002X	FERRITE BEADS		CN112	QGF0517F1-09X	FPC CONNE,SUB OPE	
L3803	NQR0006-001X	FERRITE BEADS		CN113	QGF0306F2-49X	FFC/FPC CONNE,MONI PWB	
L3804	NQL38DK-100X	P COIL	10μH	CN114	QGA1001F1-04X	W TO B CONNE,MIC	
L4201	NQR0129-002X	FERRITE BEADS		CN115	QGF0532F1-12X	FFC/FPC CONNE,STROBE PWB	
L4301	NQR0129-002X	FERRITE BEADS		△ F1601	NMFZ007-R20X-K	FUSE,UNREG	0.2A,50V
L4302	NQR0129-002X	FERRITE BEADS		△ F1602	NMFZ007-R50X-K	FUSE,REG_3V	0.5A,50V
L5501	NQL315K-100X	INDUCTOR	10μH	△ F6001	NMFZ007-R50X-K	FUSE	0.5A,50V
L5502	NQR0129-002X	FERRITE BEADS		△ F6101	NMFZ007-2R0X-K	FUSE	2A,32V
L5503	NQR0129-002X	FERRITE BEADS		△ F6201	NMFZ007-1R25X-K	FUSE	1.25A,32V
L5504	NQR0129-002X	FERRITE BEADS		△ F6701	NMFZ007-1R25X-K	FUSE	1.25A,32V

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

△ REF No. PART No. PART NAME, DESCRIPTION

CCD BOARD ASSEMBLY<02>

PW1	YB10429A-01	CCD BOARD ASSY	
Q5001	2SC3931/CD/-X	TRANSISTOR	
R5001	NRSA63J-182X	MG RESISTOR	1.8kΩ, 1/16W
R5002	NRSA63J-104X	MG RESISTOR	100kΩ, 1/16W
R5006	NRSA63J-0R0X	MG RESISTOR	0Ω, 1/16W
C5001	NBP41DM-106X	TA E CAPACITOR	10μF, 20V
C5002	NCF31EZ-104X	C CAPACITOR	0.1μF, 25V
C5003	NBE21AM-106X	TA E CAPACITOR	10μF, 10V
C5004	NCB31CK-104X	C CAPACITOR	0.1μF, 16V
C5005	NCB31CK-104X	C CAPACITOR	0.1μF, 16V
C5006	NCB31CK-104X	C CAPACITOR	0.1μF, 16V
C5007	NCB31HK-222X	C CAPACITOR	0.0022μF, 50V
L5001	NQL315K-100X	INDUCTOR	10μH
L5002	NQL315K-100X	INDUCTOR	10μH

SD BOARD ASSEMBLY<03>

PW1	YB10431A-01	SD BOARD ASSY	
IC4802	BA10358FVM-W	IC, HALL AMP+	
IC4803	BA10358FVM-W	IC, HALL AMP-	
IC4804	LM358DR2-X	IC, DRIVE AMP	
IC4807	SN74AHC2G66U-X	IC, DUMP CUT	
IC4851	UPD16879GS-X	IC, FZ_MDA	
Q4801	2SC4655/BC/-X	TRANSISTOR, HALL DRIVE	
Q4802	2SC4617/RS/-X	TRANSISTOR, 2SC4617/RS	
Q4803	DTC144EE-X	DIGI TRANSISTOR, DTC144EE	
Q4804	DTA144EE-X	DIGI TRANSISTOR, DTA144EE	
Q4805	DTA143EE-X	DIGI TRANSISTOR, DTA143EE	
Q4806	2SC4617/QR/-X	TRANSISTOR, 2SC4617/QR	
Q4851	2SC4617/RS/-X	TRANSISTOR	
D8501	EMZ6.8N-X	Z DIODE	
D8502	UMZ6.8EN-W	Z DIODE	
R4804	NRSA6AJ-102W	MG RESISTOR	1kΩ, 1/16W
R4805	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R4806	NRSA6AJ-683W	MG RESISTOR	68kΩ, 1/16W
R4807	NRSA6AJ-823W	MG RESISTOR	82kΩ, 1/16W
R4808	NRSA6AJ-243W	MG RESISTOR	24kΩ, 1/16W
R4809	NRSA6AJ-681W	MG RESISTOR	680kΩ, 1/16W
R4810	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R4811	NRSA6AJ-824W	MG RESISTOR	820kΩ, 1/16
R4812	NRSA6AJ-153W	MG RESISTOR	15kΩ, 1/16W
R4814	NRSA6AJ-105W	MG RESISTOR	1MΩ, 1/16W
R4815	NRSA6AJ-472W	MG RESISTOR	4.7kΩ, 1/16W
R4816	NRSA6AJ-105W	MG RESISTOR	1MΩ, 1/16W
R4817	NRSA6AJ-334W	MG RESISTOR	330kΩ, 1/16W
R4818	NRSA6AJ-154W	MG RESISTOR	150kΩ, 1/16W
R4819	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R4820	NRSA6AJ-104W	MG RESISTOR	100kΩ, 1/16W
R4821	NRSA6AJ-104W	MG RESISTOR	100kΩ, 1/16W
R4822	NRSA6AJ-333W	MG RESISTOR	33kΩ, 1/16W
R4823	NRSA6AJ-102W	MG RESISTOR	1kΩ, 1/16W
R4824	NRSA6AJ-472W	MG RESISTOR	4.7kΩ, 1/16W
R4825	NRSA6AJ-222W	MG RESISTOR	2.2kΩ, 1/16W
R4826	NRSA6AJ-473W	MG RESISTOR	47kΩ, 1/16W
R4827	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4828	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4833	NRSA6AJ-104W	MG RESISTOR	100kΩ, 1/16W

# △ REF No.	PART No.	PART NAME, DESCRIPTION	
R4836	NRSA6AJ-102W	MG RESISTOR	1kΩ, 1/16W
R4837	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4839	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4840	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4843	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4844	NRSA6AJ-151W	MG RESISTOR	150Ω, 1/16W
R4846	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4849	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4854	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4856	NRSA6AJ-6R8W	MG RESISTOR	6.8Ω, 1/16W
R4857	NRSA6AJ-6R8W	MG RESISTOR	6.8Ω, 1/16W
R4858	NRSA6AJ-333W	MG RESISTOR	33kΩ, 1/16W
R4859	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4860	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4862	NRSA6AJ-6R8W	MG RESISTOR	6.8Ω, 1/16W
R4863	NRSA6AJ-6R8W	MG RESISTOR	6.8Ω, 1/16W
R4864	NRSA6AJ-102W	MG RESISTOR	1kΩ, 1/16W
R4865	NRSA6AJ-102W	MG RESISTOR	1kΩ, 1/16W
R4866	NRSA6AJ-102W	MG RESISTOR	1kΩ, 1/16W
R4867	NRSA6AJ-102W	MG RESISTOR	1kΩ, 1/16W
R4868	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4870	NRSA6AJ-271W	MG RESISTOR	270Ω, 1/16W
R4871	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4874	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R4875	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R8501	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R8502	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R8503	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R8504	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R8505	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R8506	NRSA6AJ-103W	MG RESISTOR	10kΩ, 1/16W
R8507	NRSA63J-0R0X	MG RESISTOR	0Ω, 1/16W
R8508	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
R8509	NRSA6AJ-0R0W	MG RESISTOR	0Ω, 1/16W
C4803	NBZ0015-106X	TA E CAPACITOR	10μF, 6.3V
C4804	NCFA1AZ-104W	C CAPACITOR	0.1μF, 10V
C4806	NCFA1AZ-104W	C CAPACITOR	0.1μF, 10V
C4808	NCB30JK-105X	C CAPACITOR	1μF, 6.3V
C4809	NCFA1AZ-104W	C CAPACITOR	0.1μF, 10V
C4810	NCBA1CK-103W	C CAPACITOR	0.01μF, 16V
C4811	NCBA1CK-103W	C CAPACITOR	0.01μF, 16V
C4812	NCFA1AZ-104W	C CAPACITOR	0.1μF, 10V
C4813	NCFA1AZ-104W	C CAPACITOR	0.1μF, 10V
C4814	NCFA1AZ-104W	C CAPACITOR	0.1μF, 10V
C4815	NCB31HK-152X	C CAPACITOR	0.0015μF, 50V
C4819	NCB31CK-104X	C CAPACITOR	0.1μF, 16V
C4851	NBE20JM-106X	TA E CAPACITOR	10μF, 6.3V
C4852	NCFA1AZ-104W	C CAPACITOR	0.1μF, 10V
C4853	NBE21AM-335X	TA E CAPACITOR	3.3μF, 10V
C4854	NBE21AM-106X	TA E CAPACITOR	10μF, 10V
C4855	NCB31CK-104X	C CAPACITOR	0.1μF, 16V
C4858	NDCA1HJ-330W	C CAPACITOR	33pF, 50V
C4859	NCBA1CK-223W	C CAPACITOR	0.022μF, 16V
C4860	NCBA1CK-223W	C CAPACITOR	0.022μF, 16V
C4861	NCBA1CK-103W	C CAPACITOR	0.01μF, 16V
C4862	NCBA1CK-103W	C CAPACITOR	0.01μF, 16V
C4864	NBE20JM-106X	TA E CAPACITOR	10μF, 6.3V
C4865	NCBA1AK-104W	C CAPACITOR	0.1μF, 10V
C8501	NBE20JM-106X	TA E CAPACITOR	10μF, 6.3V
C8502	NCBA1AK-104W	C CAPACITOR	0.1μF, 10V
L4802	NQL302N-100X	INDUCTOR	10μH
L4851	NQR0129-002X	FERRITE BEADS	
L4852	NQL315K-100X	INDUCTOR	10μH
L4853	NQL315K-100X	INDUCTOR	10μH

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

# △ REF No.	PART No.	PART NAME, DESCRIPTION
L8501	NQR0006-001X	FERRITE BEADS
OT1	LY30029-0K7A	SPACER(A)
CN301	QGB0405M1-60X	B TO B CONNE,60P B/B
CN302	QGF0530F1-24W	FPC CONNE,OP
CN303	QGF0517F1-07X	FPC CONNE,SIDE OPE
CN304	QGF0532F1-18X	FFC/FPC CONNE,VF
CN305	NNZ0067-001X	SD CARD CONNE,SD CN

SIDE OPE BOARD ASSEMBLY<04>

PW1	YB20950A-01	SIDE OPE BOARD ASSY	
R401	NRSA6AJ-223W	MG RESISTOR	22kΩ, 1/16W
R402	NRSA6AJ-682W	MG RESISTOR	6.8kΩ, 1/16W
R403	NRSA6AJ-332W	MG RESISTOR	3.3kΩ, 1/16W
S401	NSW0198-001X	TACT SWITCH	
S402	NSW0198-001X	TACT SWITCH	
S403	NSW0198-001X	TACT SWITCH	
S405	NSW0099-001X	SLIDE SWITCH	
S406	NSW0120-002X	PUSH SWITCH,EJECT SW	
S407	NSW0201-001X	PUSH SWITCH,VF SW	
△ BT401	QAB0040-001	LI BATTERY	
SD1	LY44286-001A	SHIELD(SIDE OPE	
CN401	QGF0517F1-07X	FPC CONNE,SD PWB	

MONITOR BOARD ASSEMBLY<06>

PW1	YB20952A-02	MONITOR BOARD ASSY,A,B,C,D	
PW1	YB20952B-02	MONITOR BOARD ASSY,E,F,G,H	
IC7601	AN12550A	IC	
IC7602	LM358DR2-X	IC	
IC7603	——	IC	
IC7604	MM1385GN-X	IC	
IC7605	TA75S393F-X	IC	
IC7606	SN74AHC1G08K-X	IC	
Q7501	2SD1664/QR/-W	TRANSISTOR	
Q7502	2SD1664/QR/-W	TRANSISTOR	
Q7503	DTA144EE-X	DIGI TRANSISTOR	
Q7503	or RN2104-X	DIGI TRANSISTOR	
Q7503	or UN9113J-X	DIGI TRANSISTOR	
Q7504	2SC4617/QR/-X	TRANSISTOR	
Q7504	or 2SC4738/YG/-X	TRANSISTOR	
Q7601	2SC4617/QR/-X	TRANSISTOR	
Q7601	or 2SC4738/YG/-X	TRANSISTOR	
Q7602	2SA1774/QR/-X	TRANSISTOR	
Q7602	or 2SA1832/YG/-X	TRANSISTOR	
Q7603	2SC4617/QR/-X	TRANSISTOR	
Q7603	or 2SC4738/YG/-X	TRANSISTOR	
Q7604	2SA1774/QR/-X	TRANSISTOR	
Q7604	or 2SA1832/YG/-X	TRANSISTOR	
Q7605	UMD3N-W	DIGI TRANSISTOR	
Q7605	or XP4311-W	DIGI TRANSISTOR	
Q7606	UMD3N-W	DIGI TRANSISTOR,E,F,G,H	
Q7607	DTA124EE-X	DIGI TRANSISTOR	
Q7608	DTC124EE-X	DIGI TRANSISTOR	
Q7609	2SD2654/VW/-X	TRANSISTOR	
Q7610	2SC4617/QR/-X	TRANSISTOR	
D7601	RB480Y-W	SB DIODE	
D7602	MA111-X	SI DIODE	
R7501	NRSA63J-102X	MG RESISTOR	1kΩ, 1/16W

# △ REF No.	PART No.	PART NAME, DESCRIPTION	
R7502	NRSA63J-102X	MG RESISTOR	1kΩ, 1/16W
R7503	NRSA63J-102X	MG RESISTOR	1kΩ, 1/16W
R7506	NRSA63J-473X	MG RESISTOR	47kΩ, 1/16W
R7507	NRSA63J-473X	MG RESISTOR	47kΩ, 1/16W
R7601	NRVA63D-622X	CMF RESISTOR	6.2kΩ, 1/16W
R7602	NRSA63J-153X	MG RESISTOR	15kΩ, 1/16W
R7604	NRVA63D-223X	CMF RESISTOR,A,B,C,D	22kΩ, 1/16W
R7604	NRVA63D-682X	CMF RESISTOR,E,F,G,H	6.8kΩ, 1/16W
R7605	NRVA63D-223X	CMF RESISTOR	22kΩ, 1/16W
R7606	NRVA63D-223X	CMF RESISTOR	22kΩ, 1/16W
R7607	NRSA63J-223X	MG RESISTOR	22kΩ, 1/16W
R7608	NRSA63J-223X	MG RESISTOR	22kΩ, 1/16W
R7609	NRSA02J-330X	MG RESISTOR	33Ω, 1/10W
R7610	NRSA02J-330X	MG RESISTOR	33Ω, 1/10W
R7611	NRSA63J-333X	MG RESISTOR	33kΩ, 1/16W
R7612	NRSA63J-335X	MG RESISTOR	3.3MΩ, 1/16W
R7614	NRVA63D-223X	CMF RESISTOR	22kΩ, 1/16W
R7615	NRVA63D-433X	CMF RESISTOR	43kΩ, 1/16W
R7616	NRVA63D-821X	CMF RESISTOR	820Ω, 1/16W
R7617	NRSA63J-153X	MG RESISTOR	15kΩ, 1/16W
R7619	NRSA63J-473X	MG RESISTOR	47kΩ, 1/16W
R7621	NRSA63J-332X	MG RESISTOR	3.3kΩ, 1/16W
R7622	NRSA63J-0R0X	MG RESISTOR,A,B,C,D	0Ω, 1/16W
R7623	NRSA63J-223X	MG RESISTOR,E,F,G,H	22kΩ, 1/16W
R7624	NRSA63J-0R0X	MG RESISTOR,E,F,G,H	0Ω, 1/16W
R7625	NRSA63J-223X	MG RESISTOR,E,F,G,H	22kΩ, 1/16W
R7626	NRSA63J-223X	MG RESISTOR,E,F,G,H	22kΩ, 1/16W
R7628	NRVA63D-333X	CMF RESISTOR	33kΩ, 1/16W
R7629	NRVA63D-153X	CMF RESISTOR	15kΩ, 1/16W
R7630	NRVA63D-222X	CMF RESISTOR	2.2kΩ, 1/16W
R7631	NRSA63J-153X	MG RESISTOR	15kΩ, 1/16W
R7632	NRSA63J-394X	MG RESISTOR	390kΩ, 1/16W
R7633	NRSA63J-103X	MG RESISTOR	10kΩ, 1/16W
R7634	NRSA63J-153X	MG RESISTOR	15kΩ, 1/16W
R7635	NRSA63J-393X	MG RESISTOR	39kΩ, 1/16W
R7636	NRSA63J-562X	MG RESISTOR	5.6kΩ, 1/16W
R7639	NRSA63J-473X	MG RESISTOR	47kΩ, 1/16W
R7640	NRSA63J-473X	MG RESISTOR	47kΩ, 1/16W
C7501	NCZ1016-100X	C CAPACITOR	10pF,2kV
C7503	NFV41HJ-183X	MPPS CAPACITOR	0.018μF,50V
C7504	NCB31EK-103X	C CAPACITOR	0.01μF,25V
C7505	NBE20JM-106X	TA E CAPACITOR	10μF,6.3V
C7510	NCB10JK-106X	C CAPACITOR	10μF,6.3V
C7601	NBE90JM-106X	TA E CAPACITOR	10μF,6.3V
C7602	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C7603	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C7604	NBE21AM-106X	TA E CAPACITOR	10μF,10V
C7605	NCB31CK-104X	C CAPACITOR	0.1μF,16V
C7606	NCB11CK-225X-A	C CAPACITOR	2.2μF,16V
C7607	NCB11CK-225X-A	C CAPACITOR	2.2μF,16V
C7608	NCB11CK-225X-A	C CAPACITOR	2.2μF,16V
C7609	NCB31CK-104X	C CAPACITOR	0.1μF,16V
C7610	NCB31CK-104X	C CAPACITOR	0.1μF,16V
C7611	NCB11CK-225X	C CAPACITOR	2.2μF,16V
C7612	NCB21CK-105X	C CAPACITOR	1μF,16V
C7613	NBP41DM-106X	TA E CAPACITOR	10μF,20V
C7614	NCB31CK-104X	C CAPACITOR	0.1μF,16V
C7615	NCB31CK-104X	C CAPACITOR	0.1μF,16V
C7616	NRSA02J-274X	MG RESISTOR	270kΩ, 1/10W
C7617	NCB31CK-104X	C CAPACITOR	0.1μF,16V
C7618	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C7619	NCB30JK-105X	C CAPACITOR	1μF,6.3V
C7620	NCB31EK-103X	C CAPACITOR	0.01μF,25V

MODEL	MARK	MODEL	MARK
GR-DX75EK	A	GR-DX95EK	E
GR-DX75EX	B	GR-DX95EX	F
GR-DX75EY	C	GR-DX95EY	G
GR-DX75EZ	D	GR-DX95EZ	H

#	△ REF No.	PART No.	PART NAME, DESCRIPTION	
	C7621	NCB31HK-152X	C CAPACITOR	0.0015μF,50V
	C7622	NBE20JM-225X	TA E CAPACITOR	2.2μF,6.3V
	C7623	NCB30JK-105X	C CAPACITOR	1μF,6.3V
	C7624	NBE90JM-106X	TA E CAPACITOR	10μF,6.3V
	C7625	NCB31HK-102X	C CAPACITOR	0.001μF,50V
	C7626	NCB30JK-105X	C CAPACITOR	1μF,6.3V
	C7627	NCB30JK-105X	C CAPACITOR	1μF,6.3V
	C7628	NCB30JK-105X	C CAPACITOR	1μF,6.3V
	C7629	NBP41EM-475X	TA E CAPACITOR	4.7μF,25V
	C7631	NCB31CK-104X	C CAPACITOR	0.1μF,16V
	C7632	NBP41EM-475X	TA E CAPACITOR	4.7μF,25V
	C7633	NCB21CK-105X	C CAPACITOR	1μF,16V
	C7634	NBE90JM-106X	TA E CAPACITOR	10μF,6.3V
	C7635	NCB31CK-104X	C CAPACITOR	0.1μF,16V
	C7636	NCB31CK-104X	C CAPACITOR	0.1μF,16V
	C7637	NCB11CK-105X	C CAPACITOR	1μF,16V
	C7638	NCB31EK-103X	C CAPACITOR	0.01μF,25V
	C7639	NBE90JM-106X	TA E CAPACITOR	10μF,6.3V
	C7640	NCB31EK-103X	C CAPACITOR	0.01μF,25V
	C7642	NCB30JK-105X	C CAPACITOR	1μF,6.3V
	C7643	NBP21CM-335X	TA E CAPACITOR	3.3μF,16V
	C7645	NCB31CK-104X	C CAPACITOR	0.1μF,16V
	C7646	NCB31EK-103X	C CAPACITOR	0.01μF,25V
	C7647	NBE90JM-106X	TA E CAPACITOR	10μF,6.3V
	C7648	NCB31CK-104X	C CAPACITOR,E,F,G,H	0.1μF,16V
	C7649	NCB31CK-104X	C CAPACITOR	0.1μF,16V
	C7651	NCB31CK-104X	C CAPACITOR	0.1μF,16V
	C7652	NCB31CK-104X	C CAPACITOR	0.1μF,16V
	L7501	NQL76EM-680X	INDUCTOR	68μH
	L7502	NQL76EM-220X	INDUCTOR	22μH
	L7601	NQL04DK-100X	INDUCTOR	10μH
	L7602	NQL04DK-100X	INDUCTOR	10μH
	L7603	NQL04DK-100X	INDUCTOR	10μH
	L7604	NQL04DK-100X	INDUCTOR	10μH
	L7605	NQL04DK-100X	INDUCTOR	10μH
	L7606	NQL04DK-100X	INDUCTOR,A,B,C,D	10μH
	L7607	NQL04DK-100X	INDUCTOR	10μH
	L7608	NQL04DK-100X	INDUCTOR,E,F,G,H	10μH
△	T7501	NQS0059-001X	SIGNAL SW TRANS	
	WR1	YU40017-015-1	THIN WIRE,GND	
	CN7601	QGF0306F2-45X	FFC/FPC CONNE,MAIN	
	CN7602	QGF0530F1-24W	FPC CONNE,LCD	
△	F7501	NMFZ007-R40X-K	FUSE	0.4A,50V

STROBE BOARD ASSEMBLY<07>

	PW1	YB20951A-01	STROBE P.ASS'Y,07	
	IC6502	TC7SET08FU-X	IC(DIGITAL)	
	Q6501	2SB1462J/RS/-X	TRANSISTOR	
	Q6502	UN9211J-X	DIGI TRANSISTOR	
	Q6502	or DTC114EE-X	DIGI TRANSISTOR	
△	Q6503	2SB1124/ST/-X	CHIP TRANSISTOR	
	Q6504	2SD1628/FG/-X	TRANSISTOR	
	Q6506	CT25ASJ-8-X	POW TRANSISTOR	
	D6501	F1F16-X	SI DIODE	
	D6502	DA121-X	DIODE	
	D6503	F1SN4-X	SI DIODE	
	D6504	CRG02-X	SI DIODE	
	R6501	NRSA63J-3R9X	MG RESISTOR	3.9Ω, 1/16W
	R6502	NRSA63J-4R7X	MG RESISTOR	4.7Ω, 1/16W
	R6504	NRSA63J-471X	MG RESISTOR	470Ω, 1/16W

#	△ REF No.	PART No.	PART NAME, DESCRIPTION	
	R6505	NRSA63J-222X	MG RESISTOR	2.2kΩ, 1/16W
	R6506	NRSA63J-152X	MG RESISTOR	1.5kΩ, 1/16W
	R6507	NRSA02J-106X	MG RESISTOR	10MΩ, 1/10W
	R6508	NRVA63D-184X	CMF RESISTOR	180kΩ, 1/16W
	R6511	NRSA63J-473X	MG RESISTOR	47kΩ, 1/16W
	R6514	NRSA02J-105X	MG RESISTOR	1MΩ, 1/10W
	R6515	NRS181J-220X	MG RESISTOR	22Ω, 1/8W
	R6516	NRSA02J-104X	MG RESISTOR	100kΩ, 1/10W
	R6519	NRSA02J-106X	MG RESISTOR	10MΩ, 1/10W
	R6520	NRSA63J-330X	MG RESISTOR	33Ω, 1/16W
	R6527	NRSA63J-391X	MG RESISTOR	390Ω, 1/16W
	C6501	NBE41AM-336X	TA E CAPACITOR	33μF,10V
	C6502	NBE41AM-226X	TA E CAPACITOR	22μF,10V
	C6503	NCB31EK-103X	C CAPACITOR	0.01μF,25V
	C6506	NCZ1008-333X	C CAPACITOR	0.033μF
	C6508	NCB31EK-103X	C CAPACITOR	0.01μF,25V
	C6509	NCZ1024-103X	C CAPACITOR	0.01μF,250V
	C6510	NCZ1043-333X	C CAPACITOR	0.033μF,250V
	C6512	QEZ0450-326	E CAPACITOR,BY HAND	32μF,300V
	L6501	NQS0042-001X	SIGNAL SW TRANS	
	L6502	NQL302N-100X	INDUCTOR	10μH
	L6503	NQL044K-470X	P COIL	47μH
	WR1	WJV0070-001A	E-PRIMARY WIRE	
	WR2	WJV0071-001A	E-PRIMARY WIRE	
	UN1	LY33438-001B	STROBE ASSY	
	OT1	LY30030-098A	SPACER(A),WIRE HOLD	
	OT2	LY30030-0K6A	SPACER(A),Q6503	
	OT3	LY41409-002A	SPACER(STROBO),SENSOR	
	CN6501	QGF0517F1-12X	FPC CONNE,SD PWB	

VFBW BOARD ASSEMBLY<08>

	PW1	YB20954A	VFBW P.ASS'Y	
	Q7001	PUMX1-W	PAIR TRANSISTOR	
	D7001	E1S35AW0C501-X	LED	
	R7001	NRVA63D-332X	CMF RESISTOR	3.3kΩ, 1/16W
	R7002	NRVA63D-561X	CMF RESISTOR	560Ω, 1/16W
	R7003	NRVA63D-470X	CMF RESISTOR	47Ω, 1/16W
	R7004	NRSA63J-102X	MG RESISTOR	1kΩ, 1/16W
	C7001	NCF31CZ-104X	C CAPACITOR	0.1μF,16V
	C7002	NCF31CZ-104X	C CAPACITOR	0.1μF,16V
	C7003	NCF31CZ-104X	C CAPACITOR	0.1μF,16V
	C7004	NCF31CZ-104X	C CAPACITOR	0.1μF,16V
	CN7001	QGF0532F1-18X	FFC/FPC CONNE,SD	
	CN7002	QGF0530F1-20W	FPC CONNE,LCD	